



Ministry of  
Natural  
Resources

Hon. Alan W. Pope  
Minister

John R. Sloan  
Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
GEOLOGICAL DATA INVENTORY FOLIO  
GDIF 178

# RAGLAN TOWNSHIP

COUNTY OF RENFREW

Compiled by the Staff of  
the Resident Geologist's Office  
Bancroft



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

RAGLAN TOWNSHIP

# TABLE OF CONTENTS

|                                          | Page |
|------------------------------------------|------|
| Data Sources Checklist .....             | 1    |
| Metals and Minerals Reference List ..... | 2    |
| Mineral Occurrences .....                | 3    |
| Type of Work .....                       | 12   |
| Drill Hole Summary .....                 | 15   |
| Airborne Geophysical Survey Data .....   | 20   |
| Geochemical Survey Data .....            | 21   |
| Miscellaneous Data .....                 | 22   |
| Newspaper Clipping File .....            | 23   |
| ODM General Index Search .....           | 24   |
| Selected References .....                | 26   |
| Notes and Addenda .....                  | 42   |

## ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

# **CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS**

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

## **CONVERSION FROM SI TO IMPERIAL**

| SI Unit | Multiplied by | Gives          |
|---------|---------------|----------------|
| 1 mm    | 0.039 37      | inches         |
| 1 cm    | 0.393 70      | inches         |
| 1 m     | 3.280 84      | feet           |
| 1 m     | 0.049 709 7   | chains         |
| 1 km    | 0.621 371     | mile (statute) |

## **CONVERSION FROM IMPERIAL TO SI**

| Imperial Unit    | Multiplied by | Gives |
|------------------|---------------|-------|
| 1 inch           | 25.4          | mm    |
| 1 inch           | 2.54          | cm    |
| 1 foot           | 0.304 8       | m     |
| 1 chain          | 20.116 8      | m     |
| 1 mile (statute) | 1.609 344     | km    |

### **LENGTH**

### **AREA**

|                   |           |               |               |              |                 |
|-------------------|-----------|---------------|---------------|--------------|-----------------|
| 1 cm <sup>2</sup> | 0.155 0   | square inches | 1 square inch | 6.451 6      | cm <sup>2</sup> |
| 1 m <sup>2</sup>  | 10.763 9  | square feet   | 1 square foot | 0.092 903 04 | m <sup>2</sup>  |
| 1 km <sup>2</sup> | 0.386 10  | square miles  | 1 square mile | 2.589 988    | km <sup>2</sup> |
| 1 ha              | 2.471 054 | acres         | 1 acre        | 0.404 685 6  | ha              |

### **VOLUME**

|                   |          |              |              |              |                 |
|-------------------|----------|--------------|--------------|--------------|-----------------|
| 1 cm <sup>3</sup> | 0.061 02 | cubic inches | 1 cubic inch | 16.387 064   | cm <sup>3</sup> |
| 1 m <sup>3</sup>  | 35.314 7 | cubic feet   | 1 cubic foot | 0.028 316 85 | m <sup>3</sup>  |
| 1 m <sup>3</sup>  | 1.308 0  | cubic yards  | 1 cubic yard | 0.764 555    | m <sup>3</sup>  |

### **CAPACITY**

|     |           |         |          |           |   |
|-----|-----------|---------|----------|-----------|---|
| 1 L | 1.759 755 | pints   | 1 pint   | 0.568 261 | L |
| 1 L | 0.879 877 | quarts  | 1 quart  | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | 4.546 090 | L |

### **MASS**

|      |              |               |                |                 |    |
|------|--------------|---------------|----------------|-----------------|----|
| 1 g  | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523      | g  |
| 1 g  | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | 31.103 476 8    | g  |
| 1 kg | 2.204 62     | pounds (avdp) | 1 pound (avdp) | 0.453 592 37    | kg |
| 1 kg | 0.001 102 3  | tons (short)  | 1 ton (short)  | 907.184 74      | kg |
| 1 t  | 1.102 311    | tons (short)  | 1 ton (short)  | 0.907 184 74    | t  |
| 1 kg | 0.000 984 21 | tons (long)   | 1 ton (long)   | 1016.046 908 8  | kg |
| 1 t  | 0.984 206 5  | tons (long)   | 1 ton (long)   | 1.016 046 908 8 | t  |

### **CONCENTRATION**

|       |              |                              |                                |              |     |
|-------|--------------|------------------------------|--------------------------------|--------------|-----|
| 1 g/t | 0.029 166 6  | ounce (troy)/<br>ton (short) | 1 ounce (troy)/<br>ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/<br>ton (short) | 1 pennyweight/<br>ton (short)  | 1.714 285 7  | g/t |

### **OTHER USEFUL CONVERSION FACTORS**

|                            |      |                          |
|----------------------------|------|--------------------------|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short)  | 0.05 | ounce (troy)/ton (short) |

One gram (g) per tonne is equivalent to one part per million (1 ppm).

**NOTE**—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

## DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| SOURCES OF DATA |                                                                          | Data | Initial |
|-----------------|--------------------------------------------------------------------------|------|---------|
| 1               | Resident Geologist's Office Files                                        | Yes  | P.H.    |
| 2               | Assessment Files Research Office, Toronto                                |      |         |
| 3               | ODM General Index: 7 volumes                                             | Yes  | K.F.    |
| 4               | Catalogue of Airborne Geophysical Surveys (ODM)                          |      |         |
| 5               | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars       | Yes  | K.F.    |
| 6               | ODM Industrial Mineral Reports                                           | Yes  | K.F.    |
| 7               | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)              | No   | K.F.    |
| 8               | Bibliography of Precambrian Theses - Ginn (ODM MP 2)                     | Yes  | K.F.    |
| 9               | Newspaper Clippings File                                                 |      |         |
| 10              | GSC Index to Publications                                                | Yes  | K.F.    |
| 11              | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | Yes  | K.F.    |
| 12              | OGS Index Maps                                                           | Yes  | K.F.    |
| 13              | Source Mineral Deposit Records (O.G.S.) & M.D.I.R.s (OGS)                | Yes  | K.F.    |
| 14              | Author - Subject Articles File                                           |      |         |
| 15              | Miscellaneous Papers: ODM & OGS                                          | Yes  | K.F.    |
| 16              | ODM Geological Circulars: OGS Study Series                               | No   | K.F.    |
| 17              | ODM Preliminary Reports: ODM Bulletins                                   | Yes  | K.F.    |
| 18              | ODM - OGS Open File Reports                                              | Yes  | K.F.    |
| 19              | OGS Northern Ontario Engineering Geology Terrain Studies                 | Yes  | K.F.    |
| 20              | OGS Aggregate Resources Inventory Papers                                 | No   | K.F.    |
| 21              | OGS Mineral Potential Maps                                               | Yes  | K.F.    |
| 22              | OGS Guidebook Series                                                     | Yes  | K.F.    |
| 23              | OGS Mineral Policy Background Papers                                     | No   | K.F.    |
| 24              | OGS Occasional Papers                                                    | No   | K.F.    |
| 25              | ODM Papers                                                               | No   | K.F.    |
| 26              | OGS/OMNR Annual Statistical Reports                                      | Yes  | K.F.    |
| 27              | OGS Industrial Mineral Background Papers (1-3)                           | No   | K.F.    |
| 28              | OGS Geophysical Reports                                                  | N.A. | K.F.    |
| 29              | DEMNR/National Mineral Inventory Cards                                   | Yes  | K.F.    |
|                 |                                                                          |      |         |

# METALS AND MINERALS REFERENCES LIST

|         |                       |         |                       |          |                       |         |              |
|---------|-----------------------|---------|-----------------------|----------|-----------------------|---------|--------------|
| Δ anh.  | Anhydrite             | Δ fu.   | Fuchsite              | Δ ni.    | Nickel                | Δ st.   | Stone        |
| Δ ank.  | Ankerite              | Δ gn.   | Galena                | Δ nb.    | Niobium               | Δ talc. | Talc         |
| Δ anna. | Annabergite           | Δ gt.   | Garnet                | Δ pd.    | Palladium             | Δ te.   | Tellurium    |
| Δ ap.   | Apatite               | Δ gos.  | Goethite              | Δ peat.  | Peat                  | Δ td.   | Tetrahedrite |
| Δ arg.  | Argentite             | Δ au.   | Gold                  | Δ pent.  | Pentlandite           | Δ th.   | Thomite      |
| Δ as.   | Arsenic               | Δ gl.   | Graphite              | Δ pt.    | Platinum              | Δ th.   | Thorium      |
| Δ asp.  | Arsenopyrite          | Δ gl.   | Gravel                | Δ py.    | Pyrite                | Δ thuc. | Thucholite   |
| Δ asb.  | Asbestos              | Δ gyp.  | Gypsum                | Δ pyl.   | Pyrochlore            | Δ ti.   | Titanite     |
| Δ ba.   | Barite                | Δ hem.  | Hematite              | Δ pyrl.  | Pyrolusite            | Δ ti.   | Titanium     |
| Δ be.   | Beryl                 | Δ il.   | Ilmenite              | Δ po.    | Pyrrhotite            | Δ tour. | Tourmaline   |
| Δ bi.   | Bismuth               | Δ fe.   | Iron                  | Δ q.     | Quartz                | Δ trap. | Trap rock    |
| Δ bn.   | Bornite               | Δ if.   | Iron Formation        | Δ qv.    | Quartz carbonate vein | Δ w.    | Tungsten     |
| Δ bran. | Brannerite            | Δ jas.  | Jasper                | Δ ra.    | Radioactive minerals  | Δ uran. | Uraninite    |
| Δ bruc. | Brucite               | Δ kaol. | Kaolinite (kaolin)    | Δ re.    | Rare Earths           | Δ u.    | Uranium      |
| Δ cd.   | Cadmium               | Δ ky.   | Kyanite               | Δ sd.    | Sand                  | Δ verm. | Vermiculite  |
| Δ calc. | Calcite               | Δ pb.   | Lead                  | Δ sgl.   | Sand and gravel       | Δ y.    | Yttrium      |
| Δ carb. | Carbonate             | Δ lim.  | Limonite              | Δ ss.    | Sandstone             | Δ zn.   | Zinc         |
| Δ cel.  | Celestite             | Δ li.   | Lithium               | Δ scap.  | Scapolite             | Δ zr.   | Zircon       |
| Δ cc.   | Chalcocite            | Δ mgst. | Magnetite             | Δ shee.  | Scheelite             | Δ spl.  | spinel       |
| Δ cp.   | Chalcopyrite          | Δ mag.  | Magnetite             | Δ serp.  | Serpentine            |         |              |
| Δ ch.   | Chert                 | Δ mc.   | Malachite             | Δ sh.    | Shale                 |         |              |
| Δ clay. | Clay                  | Δ mn.   | Manganese             | Δ tid.   | Siderite              |         |              |
| Δ co.   | Cobalt                | Δ mb.   | Marble                | Δ si.    | Silica                |         |              |
| Δ cob.  | Cobaltite             | Δ mar.  | Marcasite             | Δ ag.    | Silver                |         |              |
| Δ cb.   | Columbite             | Δ ma.   | Marl                  | Δ sl.    | Slate                 |         |              |
| Δ cu.   | Copper                | Δ mi.   | Mica                  | Δ sm.    | Smaltite              |         |              |
| Δ cor.  | Corundum              | Δ ml.   | Millerite             | Δ sod.   | Sodalite              |         |              |
| Δ dol.  | Dolomite              | Δ mo.   | Molybdenite           | Δ spec.  | Specularite           |         |              |
| Δ ep.   | Epidote               | Δ mo.   | Molybdenum            | Δ sp.    | Sphalerite            |         |              |
| Δ ery.  | Erythrite             | Δ mon.  | Monazite              | Δ spd.   | Spodumene             |         |              |
| Δ fel.  | Feldspar              | Δ ne.   | Nephelite (nepheline) | Δ staur. | Staurolite            |         |              |
| Δ fl.   | Fluorite (fluor spar) | Δ nc.   | Nicolite              | Δ stib.  | Stibnite              |         |              |

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

| MINERAL OCCURRENCES |                                                                                      |                | Source Mineral Deposit Record & M.D. I.R. (S0) | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                                                                         |
|---------------------|--------------------------------------------------------------------------------------|----------------|------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                                              | Mineralization |                                                |                                                                               |                                                                                                                                                                              |
| A                   | LANDOLAC DEPOSIT<br>- N $\frac{1}{2}$ Lot 5, Con 2                                   | Cu, N1         | S00251                                         | MRC 17 p.228<br>MDC 20 p.51-52                                                | OGS Maps: 1953-2, P.2211<br>Raglan Twp. Assess. File #8                                                                                                                      |
| B                   | MARQUARDT OCCURRENCE<br>(Henderson Uranium Mines)<br>- S $\frac{1}{2}$ Lot 32, Con 5 | U, Th          | S00203<br>377                                  | MRC 4 p.66<br>MDC 23 p.124                                                    | OGS Maps: 1953-2, 53b, P.2210<br>GSC Map: 96G<br>OGS OFR 5057 p.83-85<br>NMI # 509546<br>Harris, J.J., 1958<br>Raglan Twp. Assess. File #9,11,12<br>Northern Miner Feb 13/69 |
| C                   | RAGLAN DEPOSIT (Hardwood Lake)<br>- Lots 19-20, Con 4                                | Cu, N1, Co     | S00252                                         | MRC 2 p.8<br>MDC 20 p.54<br>MRC 12 p.227                                      | GSC Map: 1258A<br>OGS Maps: P.2211, 1953-2<br>OGS AR Vol. 62-5 p.15<br>NMI # 508730<br>Raglan Twp. Assess. File #1,5,6,7                                                     |
| D                   | AMERANIUM DEPOSIT<br>- Lot 10, Con 6                                                 | Cu, N1         | S00247                                         | MDC 20 p.50                                                                   | OGS Maps: 1953-2, P.2211<br>Raglan Twp. Assess. File #10                                                                                                                     |
| E                   | GENRICKS LAKE<br>- Lot 17, Con 6                                                     | Cu, N1         | S00248                                         | MDC 20 p.50                                                                   | OGS Maps: 1953-2, P.2211<br>Raglan Twp. Assess. File #10                                                                                                                     |

| MINERAL OCCURRENCES |                                                                                                       |                                  |                               |                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                                                               | Mineralization                   | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports                                                                                                                                                                                                                                                                                                                                  |
| F                   | BOEHME, C. FARM<br>- Lot 13, Con 17                                                                   | cor                              |                               | OGS Maps: 1953-2, 53b, 1957b, 2461, P. 2565<br>OGS AR Vol. 7-3 p. 221<br>OGS AR Vol. 53-3 p. 32<br>OGS AR Vol. 62-5 p. 56<br>OGS OFR 5425 p. 40                                                                                                                                                                                                                                                                |
| G                   | BUDERICK<br>- Lot 14 or 15, Con 14                                                                    | cor                              |                               | OGS Maps: 1953-2, 53b, 1957b, 2461, P. 2565<br>OGS AR Vol. 53-3 p. 31<br>OGS AR Vol. 62-5 p. 55<br>OGS OFR 5425 p. 39<br>NMI #070462<br>DEMR/Mineral Resources Branch<br>File 167-C7-2<br>Moyd, L.                                                                                                                                                                                                             |
| Ha                  | CRAIGMONT CORUNDUM MINE<br>(Craig Mine/Craigmont Workings<br>- 20 Open Cuts)<br>- Lots 3-4, Con 18-19 | cor, Mo, U,<br>RE, Nb, ne,<br>gt | SO0116                        | OGS Maps: 1953-2, P. 2210, P. 2209, 53b<br>P. 1507, P. 2565, 2461, 1957b<br>(Map of Craigmont Corundum Mine in<br>OGS AR Vol. 62-5)<br>GSC Maps: 109G<br>OGS AR Vol. 7-3 p. 219-225<br>OGS AR Vol. 8 p. 243<br>OGS AR Vol. 9 p. 20<br>OGS AR Vol. 10 p. 130-131<br>Vol. 11 p. 37, 294; Vol. 12 p. 37, 135<br>Vol. 13-1 p. 89-90; Vol. 14-1 p. 74-75<br>Vol. 15-1 p. 97-98; Vol. 16-1 p. 84<br>Vol. 17-1 p. 89; |

GUE FORM NO. 1

| MINERAL OCCURRENCES |                                    |                | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|------------------------------------|----------------|-------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                            | Mineralization |                               |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                     | CRAIGHMONT CORUNDUM MINE<br>cont'd |                |                               |                                                                               | Vol. 20-1 p. 112 Vol. 21-1 p. 40, 162<br>Vol. 26-1 p. 275-313; Vol. 29-1 p. 110<br>Vol. 31-10 p. 59 Vol. 54-2 p. 2<br>Vol. 55-2 p. 2 Vol. 56-2 p. 1<br>OGS AR Vol. 52-3 p. 21-22<br>OGS AR Vol. 53-3 p. 27, 32-33<br>OGS AR Vol. 62-5 p. 19-20, 29, 56-60, 102-116<br>OGS AR Vol. 69-8 p. 84-92<br>OGS OFR 5425 p. 18, 40-41, 99, 129, 240<br>NMI # 500930<br>GSC Memoir 6 p. 310-315, 324-329, 373-382<br>GSC Memoir 57 p. 80, 296-308<br>GSC Ec. Geol. Ser. #11 p. 230<br>GSC Ec. Geol. Ser. #16 (1962)<br>GSC Ec. Geol. Ser. #29 p. 97<br>GSC Ec. Geol. Ser. #23 p. 87<br>GSC Misc. Report #8<br>GSC Paper 70-50 p. 43-45<br>DENR/CANNET #675 p. 15, 16<br>DENR/Min. Pol. Sector; Corp. Files:<br>"Cor-O-Tex Industrial Minerals Ltd."<br>Haultain, H.E.T., 1907<br>Hogarth et al, 1972<br>Leach, H.A., 1964 & 1973<br>Roach, A.G., 1946<br>Moyd, L., 1949<br>Carlson, H.D., 1953 & 1957<br>Canadian Mining Journal, Aug/47, p. 563-568 |

| MINERAL OCCURRENCES |                                                                                            |                |        | Source Mineral Deposit Record  | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------|----------------|--------|--------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                                                    | Mineralization |        |                                |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hb                  | (Klondike Workings - 11 Open Cuts)<br><br>- Lot 2, Con 19                                  | cor,ne,<br>spl |        |                                |                                                                               | References - same as Ha Occurrence<br>OGS AR Vol. 62-5 p.82<br>OGS AR Vol. 53-3 p.91<br>Davis,N.B. - written communication (1938)                                                                                                                                                                                                                                                                                       |
| I                   | CRAIGMONT DEPOSIT<br><br>- Lot 6, Con 18                                                   | cor, Mo        |        | MDC 20 p.170-171<br>MRC 7 p.65 |                                                                               | OGS Maps: P.1247, P.2211<br>DEMR/CANMET #93 p.46                                                                                                                                                                                                                                                                                                                                                                        |
| Ja                  | JEWELLVILLE PITS<br><br>(Lots 24-25, Con 18)<br>(Lots 24-27, Con 19)<br><br>Lot 25, Con 19 | cor, ne        | SO0115 | MDC 22 p.37                    |                                                                               | OGS Maps: P.2565,1953-2,53b,1957b,<br>2461,P.2209,P.1507<br>GSC Maps: 708, 109G<br>OGS AR Vol. 7-3 p.221<br>OGS AR Vol. 8-2 p.223<br>OGS AR Vol. 53-3 p.27,34-35,91<br>OGS AR Vol. 62-5 p.60-66<br>OGS AR Vol. 69-8 p.93<br>OGS OFR 5425 p.41-43<br>NMI # 065045<br>GSC Memoir 57<br>DENR/CANMET #675 p.17<br>DEMR/CANMET #421 p.90-99<br>DEMR/Min.Pol.Sector; Research Files:<br>167-C7-2<br>Moyd, L. - Private Report |
| Jb                  | Lot 24, Con 18 (2 occurrences shown on map)                                                |                |        |                                |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Jc                  | Lot 26, Con 19                                                                             |                |        |                                |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Jd                  | Lot 27, Con 19                                                                             |                |        |                                |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |

| MINERAL OCCURRENCES |                                                          |                | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                                                                  |
|---------------------|----------------------------------------------------------|----------------|-------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                  | Mineralization |                               |                                                                               |                                                                                                                                                                       |
| K                   | INDIAN HILL<br><br>-Lot 18, or 19, Con 18                | cor, gt        |                               |                                                                               | OGS Maps: P2565, 1953-2, 53b, 1957b, 2461<br>OGS AR Vol. 8-2 p.222<br>OGS AR Vol. 7-3 p.221<br>OGS AR Vol. 62-5 p.60<br>OGS AR Vol. 53-3 p.33-34<br>OGS OFR 5425 p.41 |
| L                   | G. LENTZ FARM<br><br>- Lot 9, Con 17<br>- Lot 10, Con 17 | cor            |                               |                                                                               | OGS Maps: P2565, 1953-2, 53b, 1957b, 2461<br>OGS AR Vol. 7-3 p.221<br>OGS AR Vol. 62-5 p. 55-56<br>OGS AR Vol. 53-3 p.31-32<br>OGS OFR 5425 p.40                      |
| M                   | G. MANTIFEL OCCURRENCES<br><br>- Lots 20-22, Con 14-15   | cor            |                               |                                                                               | OGS Maps: P2565, 1953-2, 53b, 1957b, 2461<br>OGS AR Vol. 62-5 p.55<br>OGS AR Vol. 53-3 p. 31<br>OGS OFR 5425 p.39,44<br>Moyd, L.                                      |
| N                   | H. MANTIFEL OCCURRENCES<br><br>- Lot 20, Con 15          | cor            |                               |                                                                               | OGS Maps: P2565, 1953-2, 53b, 1957b, 2461<br>OGS AR Vol. 62-5 p.55<br>OGS OFR 5425 p.39-40                                                                            |

GDF FORM NO. 1

| MINERAL OCCURRENCES |                                          |                |                               |                                                                                                                     |
|---------------------|------------------------------------------|----------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                  | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports                                       |
| O                   | WISHMAN, GEORGE FARM<br>- Lot 10, Con 18 | COT            |                               | OGS Maps: P2565, 1953-2, 53b,<br>1957b, 2461<br>OGS AR Vol. 53-3 p.33<br>OGS AR Vol. 62-5 p.60<br>OGS OFR 5425 p.41 |
| P                   | RAGLAN TOWNSHIP<br>- Lot 28, Con 19      | COT            |                               | OGS Maps: P2565, 1953-2, 53b,<br>1957b, 2461<br>OGS AR Vol. 53-3 p.35-36<br>OGS OFR 5425 p.43                       |
| Q                   | RAGLAN TOWNSHIP<br>- Lot 29, Con 19      | COT            |                               | OGS Maps: P2565, 1953-2, 53b,<br>1957b, 2461<br>OGS AR Vol. 53-3 p.36<br>OGS OFR 5425 p.43<br>GSC Mem. 57 p.186     |
| R                   | RAGLAN TOWNSHIP<br>- Lot 35, Con 18      | COT            |                               | OGS Map: 7C<br>OGS AR Vol. 7-3 p.221<br>OGS AR Vol. 53-3 p.34<br>OGS AR Vol. 62-5 p.62<br>OGS OFR 5425 p.44         |
|                     |                                          |                |                               |                                                                                                                     |

| MINERAL OCCURRENCES |                                               |                | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                       |
|---------------------|-----------------------------------------------|----------------|-------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                       | Mineralization |                               |                                                                               |                                                                                                                            |
| S                   | RAGLAN TOWNSHIP<br>-Lot 17, Con 17            | cor            |                               |                                                                               | OGS AR Vol. 53-3 p.32<br>OGS AR Vol. 62-5 p.56<br>OGS OFR 5425 p.44<br>Moyd, L. - Private Report                           |
| T                   | RAGLAN TOWNSHIP<br>-Lot 11, Con 17            | cor            |                               |                                                                               | OGS Map: 7C<br>OGS AR Vol. 7-3 p.221<br>OGS AR Vol. 53-3 p.32<br>OGS OFR 5425 p.44<br>DEM/R/CANMET #675 p.17               |
| U                   | DODD OCCURRENCE<br>-Lot 5,6, Con 3            | U, TH          | S00129                        | MDC 23 p.124                                                                  | OGS Map: P2210<br>GSC Radioactive Resources Division File 31F/SW-2                                                         |
| V                   | HARDWOOD - McARTHURS MILLS<br>- Lot 18, Con 2 | mb             | S00394                        | MDC 21 p.113                                                                  | OGS Maps: P1980, 1953-2, 53b, 2461, P1964-4, P2565<br>OGS AR Vol. 62-5 p.14, 71-72<br>OGS OFR 5425 p.196<br>OGS MP 80 p.12 |
| W                   | KELLER IRON DEPOSIT<br>-Lot 26, Con 7         | Fe mag         | S00249                        | MDC 20 p.123<br>MRC 11 p.323                                                  | OGS Maps: P2211, 1953-2<br>GSC Map: 96G<br>OGS AR Vol. 62-5 p.71                                                           |

| MINERAL OCCURRENCES |                                                                                              |                |                                 |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------|----------------|---------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                                                      | Mineralization | Source Mineral Deposit / Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks                                                                                                                                                                                                                                                                                                                                                               |
| X                   | LIEDTKE DEPOSIT<br>(Webster Mine, Windle, Edgemont Molybdenite Mines)<br><br>- Lot 27, Con 9 | Mo, U, th      | S00250<br>S00205<br>316         | MDC 20 p.171<br>MDC 23 p.141<br>MRC 7 p.63                                    | OGS Maps: 1953-2, P2211, P2210, 53b, P1247<br>GSC Maps: 100G, 96G<br>OGS AR Vol. 26 p.309<br>OGS AR Vol. 53-3 p.87<br>OGS AR Vol. 62-5 p.76-77<br>NMI #508641<br>GSC Memoir 195 p.13-15<br>GSC Ec.Geol.Ser.20 p.166-167<br>GSC Ec.Geol.Ser.16 p.149,277 (1962)<br>GSC Min.Res.Br.-Res.File MR-MO-301.00<br>GSC Min.Res.Br.-Corp.File: Edgemont Molybdenite Mines Ltd.<br>DENR/CANMET 592 p.105-106 |
| Y                   | RAGLAN TOWNSHIP<br><br>-Lot 14, Con 8 or 9                                                   | ml             |                                 | MDC 22 p.76                                                                   | OGS AR Vol.62-5 p.73                                                                                                                                                                                                                                                                                                                                                                               |
| Z                   | RAGLAN TOWNSHIP<br><br>- Lot 2, Con 18                                                       | apl            |                                 |                                                                               | OGS Maps: P2565, 1953-2, 1957b, 53b, P2357<br>OGS AR Vol. 9 p.198<br>OGS OPR 5425 p.267<br>GSC Paper 69-45 p.219<br>GSC AR Vol. 9 p.15R                                                                                                                                                                                                                                                            |

Table 1-41M MDS, 1

| MINERAL OCCURRENCES |                                                         |                |                               |                                                                                                                            |
|---------------------|---------------------------------------------------------|----------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Map Ref. Letter     | Name(s)                                                 | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports                                              |
| AA                  | SCHUTT AREA<br>- Lot 26, Con 9                          | mb             | S00395                        | OGS Maps: P2565, P1980, 1964-4, 2461, 53b, 1953-2<br>OGS AR Vol. 62-5 p.71<br>OGS OFR 5425 p.196<br>OGS MP 80 p.12,13      |
| BB                  | WASMUND<br>- Lot 10, Con 15                             | gt             | S00094                        | OGS Maps: 1953-2, 1957b, 53b, 2461, P2209, P2565<br>OGS AR Vol. 69-8 p.92,93<br>OGS AR Vol. 62-5 p.22<br>OGS OFR 5425 p.99 |
| CC                  | WASMUND GNEISS BAND<br>(Graham)<br>- Lots 12-14, Con 15 | ne             |                               | OGS Maps: 1953-2, 1957b, 53b, 2461, P2565<br>OGS AR Vol. 62-5 p.22,82<br>OGS AR Vol. 69-8 p.92,93<br>OGS OFR 5425 p.240    |
|                     |                                                         |                |                               |                                                                                                                            |

| TYPE OF WORK |                                                                 | Numbers below represent the year in which the work was done; e.g., 68 for 1968. |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |
|--------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------|-------------|-------------------------|----------|------------|------------------|--------------------------------------|--------------------------|-----------------------------|-------------------------|------------------------|---------------------------|-----------------------|-------------------------|----------------|-------------|--|
|              | EXPLORATION DATA<br>filed at the<br>RESIDENT GEOLOGIST'S OFFICE |                                                                                 |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |
|              | COMPANY/AUTHOR<br>(file number)                                 | GEOLOGICAL                                                                      | GEOCHEMICAL | TRENCHING,<br>STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES,<br>CORRESPONDENCE | AIRBORNE<br>MAGNETOMETER | AIRBORNE<br>ELECTROMAGNETIC | AIRBORNE<br>RADIOMETRIC | GROUND<br>MAGNETOMETER | GROUND<br>ELECTROMAGNETIC | GROUND<br>RADIOMETRIC | INDUCED<br>POLARIZATION | SELF POTENTIAL | RESISTIVITY |  |
| 1            | RAGLAN NICKEL MINES LTD.<br>J. SATTERLY                         | 56                                                                              |             | 56                      |          | 56         |                  | 56                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 2            | T.M.C. GOGELIN OPTION<br>H.A. WINKLER                           |                                                                                 |             |                         |          |            |                  | 56                                   |                          |                             |                         |                        | 56                        |                       |                         | 56             |             |  |
| 3            | BURCHELL LAKE MINES LTD.<br>T.P. PEZARRO                        |                                                                                 |             |                         |          |            |                  | 56                                   |                          |                             |                         | 56                     |                           |                       |                         | 56             |             |  |
| 4            | LITTLE LONG LAC GOLD MINES<br>LTD.<br>S.S. SZETO                |                                                                                 |             |                         |          |            |                  | 56                                   |                          |                             |                         | 56                     |                           |                       |                         | 56             |             |  |
| 5            | RAGLAN NICKEL MINES LTD.<br>S.S. SZETU & E.B. NICHOLLS          | 56                                                                              | 56          |                         |          |            |                  | 56                                   |                          |                             |                         | 56                     | 56                        |                       |                         | 56             |             |  |
| 6            | RAGLAN NICKEL MINES LTD.<br>A.D.HELLENS & C.F. COCKSHUTT        |                                                                                 |             |                         | 56       | 56         |                  | 56                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |

| TYPE OF WORK                                                    |                                                                 | Numbers below represent the year in which the work was done; e.g., 68 for 1968. |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |
|-----------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------|-------------|-------------------------|----------|------------|------------------|--------------------------------------|--------------------------|-----------------------------|-------------------------|------------------------|---------------------------|-----------------------|-------------------------|----------------|-------------|--|
| EXPLORATION DATA<br>filed at the<br>RESIDENT GEOLOGIST'S OFFICE | COMPANY/AUTHOR<br>(file number)                                 | GEOLOGICAL                                                                      | GEOCHEMICAL | TRENCHING,<br>STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES,<br>CORRESPONDENCE | AIRBORNE<br>MAGNETOMETER | AIRBORNE<br>ELECTROMAGNETIC | AIRBORNE<br>RADIOMETRIC | GROUND<br>MAGNETOMETER | GROUND<br>ELECTROMAGNETIC | GROUND<br>RADIOMETRIC | INDUCED<br>POLARIZATION | SELF POTENTIAL | RESISTIVITY |  |
|                                                                 |                                                                 |                                                                                 |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 7                                                               | RAGLAN NICKEL MINES LTD.                                        |                                                                                 |             |                         |          |            |                  | 56                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 8                                                               | LANDOLAC MINES LTD.                                             |                                                                                 |             | 56                      | ?        | 56         |                  | 56                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 9                                                               | HENDERSON URANIUM MINES LTD.<br>A. GAUDET/J.J. HARRIS           | 56                                                                              |             |                         |          |            |                  | 57<br>58                             |                          |                             |                         |                        |                           | 56                    |                         |                |             |  |
| 10                                                              | AMERANIUM MINES LTD.<br>A.S. BAYNE                              | 56                                                                              |             |                         |          |            |                  | 56                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 11                                                              | MERLAND OIL COMPANY OF<br>CANADA LTD./ S. HENDERSON<br>M. MORIN |                                                                                 |             |                         | 68       |            |                  | 68                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |
| 12                                                              | MERLAND OIL COMPANY OF CAN.<br>LTD.: G.R. GUILLET               |                                                                                 |             |                         |          |            |                  | 68                                   |                          |                             |                         |                        |                           |                       |                         |                |             |  |

Geol Form No. 2

| TYPE OF WORK                                                    |                                 | Numbers below represent the year in which the work was done; e.g., 68 for 1968. |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
|-----------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|-------------|-------------------------|----------|------------|------------------|--------------------------------------|--------------------------|-----------------------------|-------------------------|------------------------|---------------------------|-----------------------|-------------------------|----------------|-------------|--|--|--|
| EXPLORATION DATA<br>filed at the<br>RESIDENT GEOLOGIST'S OFFICE |                                 | GEOLOGICAL                                                                      | GEOCHEMICAL | TRENCHING,<br>STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES,<br>CORRESPONDENCE | AIRBORNE<br>MAGNETOMETER | AIRBORNE<br>ELECTROMAGNETIC | AIRBORNE<br>RADIOMETRIC | GROUND<br>MAGNETOMETER | GROUND<br>ELECTROMAGNETIC | GROUND<br>RADIOMETRIC | INDUCED<br>POLARIZATION | SELF POTENTIAL | RESISTIVITY |  |  |  |
| COMPANY/AUTHOR<br>(file number)                                 |                                 |                                                                                 |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
| 13                                                              | STEWART HENDERSON               |                                                                                 |             | 69                      |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
| 14                                                              | STEWART HENDERSON               |                                                                                 |             | 70                      |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
| 15                                                              | JAMES A. BRYAN<br>E.L. SPEELMAN |                                                                                 |             |                         | 76       |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
| 16                                                              | W.W. DAVIS                      |                                                                                 |             |                         | 56       |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
| 17                                                              | HENDERSON URANIUM MINES         |                                                                                 |             |                         | 58       |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |
|                                                                 |                                 |                                                                                 |             |                         |          |            |                  |                                      |                          |                             |                         |                        |                           |                       |                         |                |             |  |  |  |

CDIF FORM NO. 2

| DRILLHOLE SUMMARY            |  | Company Name                       | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|------------------------------|--|------------------------------------|--------------------------|--------------|-----------------|---------------------|-------------------------|----------------------|-----------------------------|-------------------------|
| Map Drilling Location Number |  |                                    |                          |              |                 |                     |                         |                      |                             |                         |
| 1                            |  | RAGLAN NICKEL MINES LTD.<br>FILE 6 | S-1                      | Aug 19/56    | N34 W           | -45                 | 25                      | 170.8                | PYRRHOTITE<br>CHALCOPYRITE  | Cu, Ni, Co              |
| 1                            |  | "                                  | S-3                      | Aug 20/56    |                 | -90                 | 25                      | 131                  | "                           | "                       |
| 1                            |  | "                                  | S-5                      | Aug 24/56    | N34 30°W        | -45                 | 24                      | 182                  | "                           | Cu, Ni                  |
| 1                            |  | "                                  | S-6                      | Aug 26/56    |                 | -90                 | 14.5                    | 206.5                | "                           | "                       |
| 1                            |  | "                                  | S-7                      | Aug 29/56    | N34 W           | -45                 | 23.5                    | 172                  | "                           | "                       |
| 1                            |  | "                                  | S-8                      | Aug 30/56    |                 | -90                 | 18                      | 211                  | "                           |                         |
| 2                            |  | "                                  | S-2A                     | Aug 17/56    | N32 E           | -40                 | 24                      | 285                  | "                           | Cu, Ni                  |
| 3                            |  | "                                  | S-2                      | Aug 21/56    | N33 W           | -45                 | 40.7                    | 227                  | "                           |                         |
| 3                            |  | "                                  | S-4                      | Aug 28/56    |                 | -90                 | 28                      | 103                  | "                           | Cu, Ni                  |
| 3                            |  | "                                  | S-9                      | Aug 30/56    | N34 W           | -45                 | 16                      | 242                  | "                           | "                       |
| 3                            |  | "                                  | S-10                     | Sep 3/56     | N48 W           | -45                 | 8                       | 202                  | SULPHIDES                   | "                       |

| DRILLHOLE SUMMARY            |  | Company Name                       | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|------------------------------|--|------------------------------------|--------------------------|--------------|-----------------|---------------------|-------------------------|----------------------|-----------------------------|-------------------------|
| Map Drilling Location Number |  |                                    |                          |              |                 |                     |                         |                      |                             |                         |
| 3                            |  | RAGLAN NICKEL MINES LTD.<br>FILE 6 | S-16                     | Sep 7/50     |                 | -90                 | 6                       | 186                  | SULPHIDES                   | Cu, Ni                  |
| 4                            |  | "                                  | S-17                     | Sep 10/56    |                 | -45                 | 6                       | 231                  | CHALCOPYRITE                | "                       |
| 5                            |  | "                                  | S-11                     | Sep 4/56     | N34 W           | -45                 | 12                      | 217                  | SULPHIDES                   | "                       |
| 5                            |  | "                                  | S-12                     | Sep 6/56     |                 | -90                 | 8                       | 110                  | "                           | "                       |
| 5                            |  | "                                  | S-15                     | Sep 8/56     |                 | -90                 | 11                      | 215                  | "                           | "                       |
| 5                            |  | "                                  | S-18                     | Sep 18/56    | N34 W           | -45                 | 12                      | 153                  | "                           | "                       |
| 5                            |  | "                                  | S-19                     | Sep 12/56    | N34 W           | -45                 | 12                      | 303                  | "                           | "                       |
| 5                            |  | "                                  | S-13                     | Sep 3/56     | N65 W           |                     | 4                       | 503                  | "                           | "                       |
| 6                            |  | "                                  | S-14                     | Sep 7/56     | N25 W           | -40                 | 7                       | 700                  | PYRITE, PYRRHOTITE          | "                       |
| 6                            |  | "                                  | S-21                     | Sep 16/56    | N65 W           | -45                 | 7                       | 449.5                | SULPHIDES                   | "                       |
|                              |  | "                                  |                          |              |                 |                     | -90                     | 277                  | PYRITE                      | "                       |

| DRILLHOLE SUMMARY |  | Map<br>Drilling<br>Location<br>Number | Company Name                           | Company<br>Drillhole<br>Number | Date<br>Drilled | Bearing<br>Azimuth | Initial<br>Dip<br>of<br>Hole | Thickness<br>of<br>Overburden | Total<br>Length<br>of Hole | Mineralization<br>Noted<br>in Log | Assay Data<br>Included<br>for |
|-------------------|--|---------------------------------------|----------------------------------------|--------------------------------|-----------------|--------------------|------------------------------|-------------------------------|----------------------------|-----------------------------------|-------------------------------|
|                   |  |                                       |                                        |                                |                 |                    |                              |                               |                            |                                   |                               |
| 8                 |  |                                       | RAGLAN NICKEL MINES LTD.<br>FILE 6     | S-22                           | Sep15/56        | N33 W              | -60                          | 24                            | 368                        | SULPHIDES                         | Cu, Ni                        |
| 9                 |  |                                       | "                                      | S-23                           | Sep18/56        |                    | -90                          | 9.7                           | 155.5                      | "                                 | "                             |
| 9                 |  |                                       | "                                      | S-24                           | Sep20/56        |                    | -90                          | 8                             | 111.7                      | "                                 |                               |
| 9                 |  |                                       | "                                      | S-26                           | Sep21/56        |                    | -90                          | 4                             | 92.4                       | PYRRHOTITE<br>CHALCOPYRITE        | "                             |
| 9                 |  |                                       | "                                      | S-20                           | Sep14/56        | S34 E              | -45                          | 10                            | 281                        |                                   |                               |
| 10                |  |                                       | "                                      | S-27                           | Sep25/56        | N48 W              | -45                          | 11                            | 263                        | SULPHIDES                         | "                             |
| 11                |  |                                       | "                                      | S-28                           | Sep23/56        |                    | -90                          | 4                             | 153                        | "                                 | "                             |
| 11                |  |                                       | "                                      | S-29                           | Sep26/56        |                    | -90                          | 2                             | 125                        |                                   | "                             |
| 12                |  |                                       | "                                      | S-30                           | Oct1/56         | N30 W              | -45                          | 15                            | 387                        | PYRRHOTITE<br>CHALCOPYRITE        |                               |
| 13                |  |                                       | JAMES A BRYAN, FILE 15                 | 76-1                           | Aug29/76        | 243                | -84                          | 4.5                           | 150.8                      | PYRRHOTITE                        |                               |
| 14                |  |                                       | MERLAND OIL CO. OF CAN. LTD<br>FILE 11 | 1                              | Jun8/68         | 295                | -45                          | 10                            | 216.7                      |                                   |                               |

| DRILLHOLE SUMMARY                     |                                         | Company<br>Drillhole<br>Number | Date<br>Drilled | Bearing<br>Azimuth | Initial<br>Dip<br>of<br>Hole | Thickness<br>of<br>Overburden | Total<br>Length<br>of Hole | Mineralization<br>Noted<br>in Log | Assay Data<br>Included<br>for |
|---------------------------------------|-----------------------------------------|--------------------------------|-----------------|--------------------|------------------------------|-------------------------------|----------------------------|-----------------------------------|-------------------------------|
| Map<br>Drilling<br>Location<br>Number | Company Name                            |                                |                 |                    |                              |                               |                            |                                   |                               |
| 14                                    | MERLAND OIL CO. OF CAN.<br>LTD. FILE 11 | 1A                             | Jun10/68        |                    | -90                          | 8                             | 91                         |                                   |                               |
| 15                                    | "                                       | 6                              | Jun13/68        | 295                | -45                          | 10                            | 440.2                      |                                   |                               |
| 15                                    | "                                       | 9                              | Jun18/68        | 295                | -45                          | 4                             | 304                        |                                   |                               |
| 16                                    | "                                       | 10                             | Jun22/68        | 297                | -60                          | 10                            | 204                        |                                   |                               |
| 16                                    | "                                       | 11                             | Jun25/68        | 295                | -45                          | 16                            | 309                        |                                   |                               |
| 16                                    | "                                       | 12                             | 68              | 215                | -45                          | 6.3                           | 215                        |                                   |                               |
| 16                                    | "                                       | 13                             | 68              | 295                | -45                          | 14                            | 302.5                      |                                   |                               |
| 17                                    | "                                       | 14                             | 68              | 300                | -45                          | 10                            | 441                        |                                   |                               |
| 17                                    | "                                       | 16                             | July12/68       | 300                | -45                          | 9                             | 273                        |                                   |                               |
| 18                                    | "                                       | 15                             | July15/68       | 295                | -45                          | 18                            | 293                        |                                   |                               |
|                                       |                                         |                                |                 |                    |                              |                               |                            |                                   |                               |

| DRILLHOLE SUMMARY            |  | Company Name                      | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|------------------------------|--|-----------------------------------|--------------------------|--------------|-----------------|---------------------|-------------------------|----------------------|-----------------------------|-------------------------|
| Map Drilling Location Number |  |                                   |                          |              |                 |                     |                         |                      |                             |                         |
| 19                           |  | W.W. DAVIS (FILE 16)              | 1                        | Aug/ 56      | N 12 W          | 62                  | -                       | 30'                  |                             |                         |
| 19                           |  | "                                 | 2                        | -            | -               | -                   | -                       | -                    |                             |                         |
| 19                           |  | "                                 | 4A                       | Aug/ 56      | N 23 W          | 60                  | -                       | 26'                  |                             |                         |
| 19                           |  | "                                 | 7                        | Sept/ 56     | N 23 W          | 60                  | -                       | 104'                 |                             |                         |
| 20                           |  | "                                 | 3                        | Aug/ 56      | N 23 W          | 60                  | -                       | 102'                 |                             |                         |
| 20                           |  | "                                 | 4                        | Aug/ 56      | N 23 W          | 60                  | -                       | 81'                  |                             |                         |
| 20                           |  | "                                 | 5                        | -            | -               | -                   | -                       | -                    |                             |                         |
| 21                           |  | HENDERSON URANIUM MINES (FILE 17) | 1                        | June/ 58     | -               | 45                  | -                       | 50'                  |                             |                         |
| 21                           |  | "                                 | 2                        | June/ 58     | -               | 45                  | -                       | 48'                  |                             |                         |
| 22                           |  | "                                 | 3                        | June/ 58     | -               | 45                  | -                       | 37'                  |                             |                         |
| 22                           |  | "                                 | 4                        | June/ 58     | -               | 60                  | -                       | 26'                  |                             |                         |
|                              |  |                                   |                          |              |                 |                     |                         |                      |                             |                         |

GD11 FORM NO. 3

| AIRBORNE GEOPHYSICAL SURVEY DATA |           |                |                    | Flight<br>Line<br>Spacing   |
|----------------------------------|-----------|----------------|--------------------|-----------------------------|
| No.                              | By<br>For | Type of Survey | Flight<br>Altitude | Flight<br>Line<br>Direction |
|                                  |           |                |                    |                             |

G.D.I.F. FORM NO. 4

| Map<br>Sample<br>Site<br>Reference<br>Number | GEOCHEMICAL SURVEY DATA |              | By                       | Reference |
|----------------------------------------------|-------------------------|--------------|--------------------------|-----------|
|                                              | Type of Survey          | Analysis For |                          |           |
| 1                                            | SOIL SAMPLE             | NICKEL       | RAGLAN NICKEL MINES LTD. | FILE 5    |
| 2                                            | SOIL SAMPLE             | NICKEL       | RAGLAN NICKEL MINES LTD. | FILE 5    |
|                                              |                         |              |                          |           |

## MISCELLANEOUS DATA

| AGE DATING |  |
|------------|--|
|            |  |

| AGE DATING |        |          |           |        |  |
|------------|--------|----------|-----------|--------|--|
| Site       | Method | Material | Reference | Result |  |
|            |        |          |           |        |  |

CLIFF FERRIS 4400 E.

## NEWSPAPER CLIPPINGS FILE

NOTE A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. BANCROFT

### NORTHERN MINER ARTICLES:

#### RAGLAN NICKEL MINES

(Raglan Deposit Lot 19,20 Con 4) - August 16/56  
August 23/56  
September 20/56  
July 19/56  
September 6/56

#### MERLAND OIL CO. OF CANADA

(Marquhardt (Henderson) Lot 32, Range 5)  
Feb 13/69

# ODM GENERAL INDEX SEARCH

Words searched:

RAGLAN TOWNSHIP

| Index Volume | Listing:                                                                                                                                                                                                                                                                                   | Report Volume                                                                                                                                      | Part                                                                                                                                | Page                                                                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1            | RAGLAN TOWNSHIP<br>boulders, Silurian<br>Canada Corundum Company<br>"<br>"<br>"<br>"<br>"<br>corundum<br>"<br>"<br>corundum mill<br>corundum mining<br>"<br>"<br>"<br>"<br>"<br>"<br>corundum production<br>corundum tests<br>gahnite<br>garnet<br>molybdenite<br>nepheline<br>"<br>spinel | 7<br>12<br>13<br>14<br>16<br>17<br>18<br>6<br>20<br>21<br>10<br>7<br>8<br>8<br>9<br>10<br>11<br>24<br>25<br>15<br>8<br>9<br>6<br>25<br>7<br>8<br>8 | 3<br>-<br>1<br>1<br>1<br>-<br>1<br>-<br>1<br>1<br>-<br>3<br>2<br>2<br>-<br>-<br>1<br>1<br>1<br>1<br>2<br>-<br>-<br>1<br>3<br>2<br>2 | 213<br>37,135<br>19-21,89,90<br>74,75<br>84<br>26,89<br>140<br>64,65<br>112<br>40,162<br>25<br>219,225<br>246,222,223<br>232,233<br>20<br>130,131<br>37,294<br>40<br>32<br>19,21,84,9<br>240,243<br>198<br>211<br>20<br>221,226,2<br>252<br>237 |
| 2            | RAGLAN TOWNSHIP<br>corundum<br>"<br>"<br>"<br>"<br>"<br>"<br>molybdenite                                                                                                                                                                                                                   | 26<br>27<br>28<br>29<br>30<br>31<br>31<br>26                                                                                                       | -<br>1<br>1<br>1<br>1<br>1<br>10<br>-                                                                                               | 146,42<br>144,46<br>49<br>110<br>126<br>20<br>59<br>309,275                                                                                                                                                                                     |
| 3            | RAGLAN TOWNSHIP<br>corundum<br>molybdenite<br>"                                                                                                                                                                                                                                            | 39<br>47<br>48                                                                                                                                     | 6<br>1<br>1                                                                                                                         | 39<br>51<br>221                                                                                                                                                                                                                                 |
| 4            | RAGLAN TOWNSHIP<br>corundum                                                                                                                                                                                                                                                                | 53                                                                                                                                                 | 3                                                                                                                                   | 10,11                                                                                                                                                                                                                                           |

GDI FORM

RAGLAN TOWNSHIP

# ODM GENERAL INDEX SEARCH

Words searched:

RAGLAN TOWNSHIP

| Index<br>Volume | Listing:                                                                                                                                      | Report<br>Volume                                               | Part                                                | Page                                                                            |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------|
| 4               | RAGLAN TOWNSHIP (continued)<br>Craigmont Corundum Mine<br>"<br>"<br>"<br>"<br>"<br>molybdenite<br>nepheline<br>photo<br>rare element<br>rocks | 52<br>53<br>54<br>54<br>55<br>56<br>53<br>53<br>53<br>53<br>53 | 3<br>3<br>2<br>3<br>2<br>2<br>3<br>3<br>3<br>3<br>3 | 17,21,22<br>25-27<br>2<br>32,33<br>2<br>1<br>70,87<br>91<br>15<br>99<br>8,11,14 |
| 5               | RAGLAN TOWNSHIP<br>corundum<br>gabbro<br>geology report<br>nepheline                                                                          | 62<br>62<br>62<br>62                                           | 5<br>5<br>5<br>5                                    | 19,20,102-116<br>14,15<br>55-66<br>82                                           |
| 6               | RAGLAN TOWNSHIP<br>nepheline                                                                                                                  | 69                                                             | 8                                                   | 89-93                                                                           |
| 8               | RAGLAN TOWNSHIP<br>iron<br>molybdenum<br>nickel / copper<br>uranium<br>uranium                                                                | MRC 12<br>MRC 11<br>MRC 12<br>MP 26<br>MRC 4                   |                                                     | 323<br>63<br>227<br>25-26<br>66                                                 |

| Author                                     | Date | SELECTED REFERENCES                                                                                                                                                                                |  | Reference      | Map Scales and/or Report Pages |
|--------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------------|
|                                            |      | Title                                                                                                                                                                                              |  |                |                                |
| Chamberlain, J.A. & Johnston, A.G.         | 1970 | GEOLOGICAL MAPS WITHOUT REPORTS                                                                                                                                                                    |  | GSC Map 1258A  | 1:500 000                      |
|                                            |      | Nickel in Canada                                                                                                                                                                                   |  |                |                                |
|                                            | 1957 | Haliburton-Bancroft Area, Province of Ontario. (Revised 1972)                                                                                                                                      |  | ODM Map 1957b  | 1" = 2 miles                   |
| Hewitt, D.F. & Satterly, J.                | 1975 | Nickel Deposits of Ontario, Southern Sheet, Southern Ontario and District of Nipissing; ODM Preliminary Map, Mineral Deposits Series. Compilation 1974, 1975.                                      |  | ODM Map P.1063 | 1" = 16 miles                  |
| Jost, M.                                   |      |                                                                                                                                                                                                    |  |                |                                |
| Lumbers, S.B.                              | 1976 | Ontario Geological Map, Southern Sheet, NTS 30/NW, 31/S, 40/NE, 41/SE (revision of map 2197)                                                                                                       |  | OGS Map 2392   | 1" = 16 miles                  |
| Meyn, H.D., Robertson, J.A.                | 1975 | Iron Deposits of Ontario, Southern Sheet, Southern Ontario and District of Nipissing; ODM Preliminary Map, Mineral Deposits Series. Compilation 1972, 1973, 1974.                                  |  | ODM Map P.1044 | 1" = 16 miles                  |
| Meyn, H.D. & Howarth, J.R.                 | 1977 | Molybdenum Deposits of Ontario, Southern Sheet, Southern Ontario and District of Nipissing; OCS Preliminary Map, Mineral Deposit Series. Compilation 1975, 1976.                                   |  | OGS Map P.1247 | 1" = 16 miles                  |
| Ontario Geological Survey                  | 1974 | Ontario Mineral Map                                                                                                                                                                                |  | OGS Map 2310   | 1" = 25 miles                  |
| Quinn, H.A., Wilson, M.E. & Leech, G.B.    | 1956 | Renfrew Map Area, Renfrew and Lanrk Counties, Ontario                                                                                                                                              |  | GSC Map 1046A  | 1" = 1 mile                    |
| Robertson, J.A., Gordon, J.B., & Rybak, R. | 1981 | Uranium and Thorium Deposits of Ontario, Southern Sheet, Southern Ont. and Nipissing, Muskoka, Parry Sound, Sudbury, & Manitoulin Districts; Mineral Deposit Series. Compilation 1979, 1980, 1981. |  | OGS Map P.2424 | 1" = 16 miles                  |

GUIDE FORM NO. 9

| Author                                     | Date | SELECTED REFERENCES                                                                                                                                                                                      |  | Reference                                  | Map Scales and/or Report Pages     |
|--------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|------------------------------------|
|                                            |      | Title                                                                                                                                                                                                    |  |                                            |                                    |
|                                            |      | GEOLOGICAL REPORTS WITH MAPS                                                                                                                                                                             |  |                                            |                                    |
| Adams, F.D., Barlow, A.E.                  | 1910 | Geology of the Haliburton and Bancroft Areas, Ont. Accompanied by Maps 708 (Haliburton Sheet), and 770 (Bancroft Sheet)                                                                                  |  | GSC Memoir 6<br>GSC Map 708                | 1" = 4 miles                       |
| "                                          | 1913 | Excursion A2, Haliburton-Bancroft area of central Ontario; XII International Geological Congress (Canada).                                                                                               |  | GSC Guide Book 2<br>GSC Map e<br>GSC Map f | 1" = 2½ miles<br>1" = 800'         |
| Barlow, A.E.                               | 1915 | Corrundum: Its Occurrences, Distribution, Exploitation and Uses                                                                                                                                          |  | GSC Memoir 57<br>GSC Map 1023              | 1" = 18 miles                      |
| Carter, T.R., Colvine, A.C.,<br>Meyn, H.D. | 1980 | Geology of Base Metal, Precious Metal, Iron and Molybdenum Deposits in the Pembroke-Renfrew Area                                                                                                         |  | OGS MDC 20<br>OGS Map P2211                | 186 p.<br>1" = 2 miles             |
| Eardley-Wilmot, V.L.                       | 1925 | Molybdenum: Metallurgy and Uses and the Occurrence; mining and concentration of its ores; Canada Department of Mines, Mines Branch                                                                       |  | DEMRCANMET #592<br>Map 595                 | 292 p.<br>1" = 35 miles            |
| Ells, R.W.                                 | 1907 | Report on the Geology and Natural Resources of the Area included in the Northwest Quarter-Sheet, #122 of the Ontario and Quebec Series Comprising Portions of the Counties of Pontiac, Carlton & Renfrew |  | GSC Sep.Rpt. 977<br>GSC Map 660            | 71 p.<br>1" = 4 miles              |
| Hewitt, D.F.                               | 1954 | Geology of the Brudenell-Raglan Area, Ontario Accompanied by Geological Map of Craigmont Corrundum Mine, Raglan Township and Report by H.D. Carlson, 1954; Craigmont Corundum Deposits p.102-116         |  | ODM AR Vol 62 Pt 5<br>ODM Map 1953-2       | 123 p.<br>1" = 1 mile<br>1" = 300' |

| SELECTED REFERENCES                 |      |                                                                                                                                                                                                          | Reference                              | Map Scales and/or Report Pages |
|-------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|
| Author                              | Date | Title                                                                                                                                                                                                    |                                        |                                |
| Hewitt, D.F.                        | 1961 | Nepheline Syenite Deposits of Southern Ontario (Accompanied by maps 1960E and 1960F)                                                                                                                     | ODM AR Vol 69 Pt8                      | 194 p.                         |
| Lang, A.H., Griffith, J.W. & Steacy | 1962 | Canadian Deposits of Uranium and Thorium                                                                                                                                                                 | GSC Ec.Geol.Ser.16<br>GSC Map 1045A-MI | 324 p.<br>1" = 120 miles       |
| Lumbers, S.B.                       | 1982 | Summary of Metallogeny, Renfrew County Area; Accompanied by maps 2459, 2460, 2461, & 2462, and chart.                                                                                                    | OCS GR 212<br>OCS Map 2461             | 58 p.<br>1:100,000             |
| Lumbers, S.B.                       | 1964 | Preliminary Report on the Relationship of Mineral Deposits to Intrusive Rocks and Metamorphism in Part of the Grenville Province of Southeastern Ontario. (Accompanied by Figure 7- Bancroft-Madoc Area) | ODM PR 1964-4<br>ODM Figure 7          | 37 p.<br>1" = 2 miles          |
| Martin, Wendy                       | 1983 | Industrial Minerals of the Algonquin Region, Ontario Accompanied by maps P2562, P2563, P2564, P2565, P2566, and P2567                                                                                    | OCS OFR 5452<br>OCS Map P2565          | 316 p.<br>1:125,000            |
| Masson, S.L. & Gordon, J.B.         | 1981 | Radioactive Mineral Deposits of the Pembroke-Renfrew Area                                                                                                                                                | OCS MDC 23<br>OCS Map P2210            | 155 p.<br>1" = 2 miles         |
| Miller, W.G.                        | 1898 | Economic Geology of Eastern Ontario, Corundum and Other Minerals                                                                                                                                         | ODM AR Vol 7 Pt 3<br>ODM Map 7C        | P.207-238<br>1" = 2 1/2 miles  |
| Osbourne, F.F.                      | 1930 | Non-Metallic Mineral Resources of Hastings County                                                                                                                                                        | ODM AR Vol 39 Pt6<br>ODM Map 39H       | P.22-59<br>1:250,000           |
| Quinn, H.A.                         | 1952 | Renfrew Map Area, Renfrew and Lanark Counties, Ontario                                                                                                                                                   | GSC Paper 51-27<br>GSC Map 51-27A      | 79 p.<br>1:40,000              |

| Author                                        | Date | SELECTED REFERENCES                                                                                  |  | Reference                         | Map Scales and/or Report Pages |
|-----------------------------------------------|------|------------------------------------------------------------------------------------------------------|--|-----------------------------------|--------------------------------|
|                                               |      | Title                                                                                                |  |                                   |                                |
| Satterly, J.                                  | 1945 | Mineral Occurences in the Renfrew Area                                                               |  | ODM AR Vol 53 Pt 3<br>ODM Map 53b | 139 p.<br>1" = 2 miles         |
| Storey C.C. & Vos, M.A.                       | 1981 | Industrial Minerals of the Pembroke-Renfrew Area, Part 1: Marble                                     |  | OGC MDC 21<br>OGS Map P1980       | 132 p.<br>1:126,720            |
| Storey C.C. & Vos, M.A.                       | 1981 | Industrial Minerals of the Pembroke-Renfrew Area, Part 2                                             |  | OGS MDC 22<br>OGS Map P2209       | 214 p.<br>1" = 2 miles         |
| Thompson, Jas. E.                             | 1943 | Mineral Occurences in the North Hastings Area                                                        |  | ODM AR Vol 52 Pt 3<br>ODM Map 52b | 80 p.<br>1" = 2 miles          |
| Vos, M.A. & Storey, C.C.                      | 1978 | Marbles of the Pembroke-Renfrew Area                                                                 |  | OGS MP 80<br>OGS Map P1980        | 17 p.<br>1:126,720             |
| GEOLOGICAL AND TECHNICAL REPORTS WITHOUT MAPS |      |                                                                                                      |  |                                   |                                |
| Barlow, A.E.                                  | 1907 | On Corundum in Ontario and on Surveys near Lake Temagami (31C & 31F)                                 |  | CSC AR Vol 16 Pt A                | p.190-193                      |
| Blue, A.                                      | 1896 | General Introduction                                                                                 |  | ODM AR 1896 Vol 6                 | p.7-70                         |
| Blue, A.                                      | 1899 | Corundum in Ontario                                                                                  |  | ODM AR Vol 8 Pt 2                 | p.241-249                      |
| Blue, A.                                      | 1900 | Mineral Industries of Ontario, Statistics of 1889                                                    |  | ODM AR Vol 9                      | p.9-34                         |
| Bow, J.E., Carter, W.E., DeKalb, C.           | 1901 | Mines of Ontario                                                                                     |  | ODM AR Vol 10                     | p.69-136                       |
| Carlson, H.D.                                 | 1953 | The Origin of Corundum Deposits at Craigmont, Ontario. Geological Association of Canada, Proceedings |  | CAC Vol 6 Pt 1                    | p.19-27                        |

| SELECTED REFERENCES           |      |                                                                                                                |                     | Map<br>Scales<br>and/or<br>Report<br>Pages |
|-------------------------------|------|----------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------|
| Author                        | Date | Title                                                                                                          | Reference           |                                            |
| Carlson, H.D.                 | 1957 | The Origin of Corundum Deposits of Renfrew County, Ontario, Canada; Geological Association of Canada, Bulletin | GAC Vol 68 #12 Pt 1 | p.1605-1636                                |
| Carter, W.H.                  | 1902 | The Mines of Ontario                                                                                           | ODM AR Vol 11       | p.231-298                                  |
| Carter, W.H.E., Corkill, E.T. | 1905 | Mines of Western and Eastern Ontario                                                                           | ODM AR Vol 14 Pt 1  | p.43-88                                    |
| Carter, W.H.E., Miller, W.G.  | 1904 | Mines of Ontario                                                                                               | ODM AR Vol 13 Pt 1  | p.58-95                                    |
| Coleman, A.P.                 | 1899 | Corundiferous Nepheline syenite                                                                                | ODM AR Vol 8 Pt 2   | p.250-253                                  |
| Corkill, E.T.                 | 1906 | Mines of Ontario                                                                                               | ODM AR Vol 15 Pt 1  | p.47-107                                   |
| Corkill, E.T.                 | 1907 | Mines of Ontario                                                                                               | ODM AR Vol 16 Pt 1  | p.55-91                                    |
| Corkill, E.T.                 | 1908 | Mines of Ontario                                                                                               | ODM AR Vol 17       | p.58-94                                    |
| Corkill, E.T.                 | 1909 | Mines of Ontario                                                                                               | ODM AR Vol 18       | p.79-140                                   |
| Corkill, E.T.                 | 1910 | Mines of Ontario                                                                                               | ODM AR Vol 19       | p.78-130                                   |
| Corkill, E.T.                 | 1911 | Mines of Ontario                                                                                               | ODM AR Vol 20 Pt 1  | p.86-118                                   |
| Corkill, E.T.                 | 1912 | Mines of Ontario                                                                                               | ODM AR Vol 21 Pt 1  | p.100-168                                  |
| Davis, N.B.                   | 1938 | Written Communication                                                                                          |                     |                                            |
| Dawson, K.R.                  | 1974 | Niobium (Columbium) and Tantalum in Canada                                                                     | GSC Ec.Geol.Ser.29. | 157 p.                                     |

GDI FORM NO.9

| Author                                   | Date | SELECTED REFERENCES                                                                                                                                                                                  |  | Reference                                    | Map Scales and/or Report Pages |
|------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--------------------------------|
|                                          |      | Title                                                                                                                                                                                                |  |                                              |                                |
| Department of Energy Mines and Resources | 1915 | Investigations in Ore Dressing and Metallurgy; Canada Department of Mines, Mines Branch, Ottawa                                                                                                      |  | DEMR/CANMET #421 (No. 40)                    | p.82                           |
| "                                        |      | Corporation Files (Mineral Policy Sector)<br>"Edgemont Molybdenite Mines Ltd."<br>" Cor-o-Tex Industrial Minerals Ltd."                                                                              |  |                                              |                                |
| "                                        | 1980 | Craigmont Corundum Mine - Ont. -35 p.113 in Canadian Mineral Deposits Not being Mined in 1980; National Mineral Inventory Sector (1981 update)                                                       |  | DEMR/MRI 80/7                                | 303 p.                         |
| "                                        |      | Mineral Resources Branch Resource File: MR-MO-30100<br>167-C7-2                                                                                                                                      |  |                                              |                                |
| "                                        |      | Radioactive Resources Division File                                                                                                                                                                  |  | DEMR 31F/SW-2                                |                                |
| Eardley-Wilmot, V.L.                     | 1927 | Abrasives, Part 2, Corundum and Diamond; Canada Department of Mines, Mines Branch, Ottawa                                                                                                            |  | DEMR/CANMET #675                             | 51 p.                          |
| Ellsworth, H.V.                          | 1932 | Rare-element Minerals of Canada                                                                                                                                                                      |  | GSC Ec.Geol.Ser.11                           | 272 p.                         |
| Ferguson, S.A.                           | 1971 | Columbium (Niobium) Deposits of Ontario                                                                                                                                                              |  | ODM + Northern Affairs MRC 14                | 58 p.                          |
| Freeman, B.C.                            | 1936 | Mineral Deposits in Renfrew County & Vicinity                                                                                                                                                        |  | GSC Memoir 195                               | 34 p.                          |
| Ferrier, W.F.                            | 1898 | Investigations of Corundum and Nepheline Syenites in Carlow, Dunganon Townships, Hastings County; Raglan Township, Renfrew County; and of Corundum in Methuen Township, Peterborough County, Ontario |  | GSC ARVol 10 Pt A<br>Summary Report for 1897 | p.127-128                      |

GDF FORM NO.9

| SELECTED REFERENCES      |      |                                                                                                       |                     | Map<br>Scales<br>and/or<br>Report<br>Pages |
|--------------------------|------|-------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------|
| Author                   | Date | Title                                                                                                 | Reference           |                                            |
| Gibson, Shirley (editor) | 1972 | Annual Report of Resident Geologists' Section,<br>Geological Branch, 1971. Ontario Division of Mines. | OMNR/MF50           | 195 p.                                     |
| Gibson, Shirley et al    | 1975 | Bancroft Area Minerals, Minor Revision 1981                                                           | OMNR Brochure       |                                            |
| Gibson, T.W.             | 1901 | Statistics for 1900                                                                                   | ODM AR Vol 10       | p. 9-60                                    |
| Gibson, T.W.             | 1902 | Statistics for 1901: Corundum and Feldspar                                                            | ODM AR Vol 11       | p. 9-60                                    |
| Gibson, T.W.             | 1903 | Statistics for 1902                                                                                   | ODM AR Vol 12       | p. 7-53                                    |
| Gibson, T.W.             | 1904 | Statistical Review                                                                                    | ODM AR Vol 13 Pt 1  | p. 1-45                                    |
| Gibson, T.W.             | 1905 | Statistical Review                                                                                    | ODM AR Vol 14 Pt 1  | p. 1-36                                    |
| Gibson, T.W.             | 1906 | Statistical Review                                                                                    | ODM AR Vol 15 Pt 1  | p. 1-38                                    |
| Gibson, T.W.             | 1908 | Statistical Review                                                                                    | ODM AR Vol 17       | p. 5-52                                    |
| Gibson, T.W.             | 1910 | Statistical Review                                                                                    | ODM AR Vol 19       | p. 5-56                                    |
| Gibson, T.W.             | 1912 | Statistical Review                                                                                    | ODM AR Vol 21 Pt 1  | p. 5-54                                    |
| Gibson, T.W.             | 1915 | Statistical Review of the Mineral Industry of Ontario<br>for 1914                                     | ODM AR Vol 24 Pt 1  | p. 1-65                                    |
| Gibson, T.W.             | 1917 | Statistical Review of the Mineral Industry of Ont.                                                    | ODM AR Vol 26       | p. 1-66                                    |
| Gibson, T.W.             | 1918 | Statistical Review of the Mineral Industry of Ont.                                                    | ODM AR Vol 27 Pt 1  | p. 1-77                                    |
| Gibson, T.W.             | 1919 | Statistical Review of the Mineral Industry of Ont.<br>for 1918                                        | ODM AR Vol 28 Pt. 1 | p. 1-95                                    |

GDIF FORM NO. 9

| SELECTED REFERENCES                         |      |                                                                                                                                                                                                                           |                   |                                |
|---------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------|
| Author                                      | Date | Title                                                                                                                                                                                                                     | Reference         | Map Scales and/or Report Pages |
| Goodwin, W.L.                               | 1897 | Mineral Collections for Summer Mining Schools, Part 2 Catalogue of Minerals in the Collection                                                                                                                             | ODM AR Vol 6      | p. 206-229                     |
| Gordon, J.B., Colvine, A.C., & Vos, M.A.    | 1977 | Mineral Resource Studies in the Pembroke-Renfrew Area, Southeastern Ontario p.191-192 in Summary of Field Work, 1977, by the Geological Branch, edited by V.G. Milne, O.L. White, R.B. Barlow, & J.A. Robertson           | OCS MP 75         | 208 p.                         |
| Gordon, J.B., Colvine, A.C., Vos, M.A.      | 1978 | Mineral Resource Studies in the Pembroke-Renfrew Area, Southeastern Ontario, p.180-181 in Summary of Field Work, 1978, by the Ontario Geological Survey, edited by V.G. Milne, O.L. White, R.B. Barlow, & J.A. Robertson. | OCS MP 82         | 235 p.                         |
| Gordon, J.B., Rybak, U.C. & Robertson, J.A. | 1981 | Uranium and Thorium Deposits of Southern Ontario                                                                                                                                                                          | OCS OFR 5311      | 665 p.                         |
| Guillet, G.R.                               | 1969 | Annual Report of Resident Geologists' Section, Geological Branch, 1968, Part 4, Southern Ontario                                                                                                                          | ODM MP 26         | 28 p.                          |
| Harris, J.J.                                | 1958 | Summary Report on the Henderson Uranium Ltd., Raglan & Lyndoch Townships, County of Renfrew. Unpublished company report.                                                                                                  |                   |                                |
| Hewitt, D.F.                                | 1967 | Uranium and Thorium Deposits of Southern Ontario                                                                                                                                                                          | ODM MRC No. 4     | 76 p.                          |
| Hewitt, D.F.                                | 1969 | Geology and Scenery, Peterborough, Bancroft, and Madoc Area (reprinted 1974)                                                                                                                                              | ODM Guide Book 3  | 114 p.                         |
| Hoffman, C.G.                               | 1897 | Section of Chemistry and Mineralogy                                                                                                                                                                                       | GSC AR Vol 9 Pt R | p.9-51                         |

GHE FORM NO.9

| SELECTED REFERENCES                                  |      |                                                                                                                                                                                                                                                                                | Reference           | Map Scales and/or Report Pages |
|------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|
| Author                                               | Date | Title                                                                                                                                                                                                                                                                          |                     |                                |
| Hogarth, D.D., Moyd, L.,<br>Rose, E.R., Steacy, H.R. | 1972 | Classic Mineral Collecting Localities in Ontario and Quebec, Twenty-fourth International Geological Congress, Field Trip Guide Book, Excursions                                                                                                                                | A 47 - C 47         | 79 p.                          |
| Johnston, F.J.                                       | 1968 | Molybdenum Deposits of Ontario                                                                                                                                                                                                                                                 | ODM MRC 7           | 98 p.                          |
| Lang A.H.                                            | 1952 | Canadian Deposits of Uranium and Thorium                                                                                                                                                                                                                                       | GSC Ec.Geol.Ser.16  |                                |
| Leach, Harley                                        | 1964 | 100 Mineral Locations in Southeastern Ontario (2nd edition, revised)                                                                                                                                                                                                           |                     | 85 p.                          |
| Leach, H.                                            | 1973 | 200 Mineral Locations in Southern Ontario (2nd edit.)                                                                                                                                                                                                                          |                     | 91 p.                          |
| Lumbers, S.B.                                        | 1978 | Southern Renfrew County, p.125-127 in Summary of Field Work, 1978, by the Ontario Geological Survey, edited by V.G. Milne, O.L. White, R.B. Barlow, & J.A. Robertson                                                                                                           | OCS MP 82           | 235 p.                         |
| Matten, E.E.                                         | 1977 | Statistical Report on the Mineral Industry of Ontario, 1971-1973                                                                                                                                                                                                               | OMNR ASR Vol 4-6    | 294 p.                         |
| Matten, E.E.                                         | 1978 | Statistical Report on the Mineral Industry of Ontario 1974                                                                                                                                                                                                                     | OMNR ASR Vol 7      | 210 p.                         |
| Meen, V.B. & Gorman, D.H.                            | 1953 | Mineral Occurrences of Wilberforce, Bancroft and Craigmont-Lake Clear Areas, Southeastern Ontario; Guidebook for Field Trip No. 2, Nov. 12-14, 1953 in conjunction with the joint annual meeting of the Geological Society of America and the Geological Association of Canada |                     | 23 p.                          |
| Miller, W.G.                                         | 1899 | Corundum and Other Minerals                                                                                                                                                                                                                                                    | ODM AR Vol 1 8 Pt 2 | p.205-240                      |

GUIDE FORM NO. 9

| Author                       | Date | SELECTED REFERENCES                                                                                                     |  | Reference          | Map<br>Scales<br>and/or<br>Report<br>Pages |
|------------------------------|------|-------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------------------------|
|                              |      | Title                                                                                                                   |  |                    |                                            |
| Miller, W.G.                 | 1900 | Minerals of Ontario with Notes                                                                                          |  | ODM AR Vol 9       | p.192-212                                  |
| Miller, W.G., Carter, W.E.H. | 1903 | Mines of Ontario                                                                                                        |  | ODM AR Vol 12      | p.73-140                                   |
| Moyd, Lewis                  | 1949 | Structure of the Corundum Deposits at Grainmont, Renfrew County, Ontario; Geological Association of Canada, Proceedings |  | GAC Vol 2          | p.51-56                                    |
| Mulligan, R.                 | 1968 | Geology of Canadian Beryllium Deposits                                                                                  |  | GSC Ec.Geol.Ser.23 | 109 p.                                     |
| Ontario Department of Mines  | 1948 | List of Mines, Quarries and Works, 1945                                                                                 |  | ODM AR Vol 55 Pt 2 | 85 p.                                      |
| "                            | 1948 | List of Mines, Quarries and Works, 1944                                                                                 |  | ODM AR Vol 54 Pt 2 | p.1-127                                    |
| "                            | 1949 | Mines of Ontario in 1946                                                                                                |  | ODM AR Vol 56 Pt 2 | 124 p.                                     |
| Parsons, A.L.                | 1917 | Molybdenite Deposits of Ontario                                                                                         |  | ODM AR Vol 26      | p.275-313                                  |
| Rogers, W.R.                 | 1916 | Statistical Review of the Mineral Industry of Ontario for 1915                                                          |  | ODM AR Vol 25 Pt 1 | p.1-51                                     |
| Rogers, W.R.                 | 1924 | Statistical Review of Ontario's Mineral Industry in 1921                                                                |  | ODM AR Vol 31 Pt 1 | p.1-52                                     |
| Sabina, Ann P.               | 1965 | Rock and Mineral Collecting in Canada, Vol. 2 Ontario and Quebec                                                        |  | CSC Misc.Rpt. 8    | 252 p.                                     |
| Sabina, A.P.                 | 1971 | Rocks & Minerals for the Collector: Ottawa to North Bay, Ontario; Hull to Waltham, Quebec                               |  | GSC Paper 70-50    | 130 p.                                     |

UNIT FORM NO. 9

| SELECTED REFERENCES                                                                                                                   |      |                                                                                                         | Reference           | Map<br>Scales<br>and/or<br>Report<br>Pages |
|---------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------|
| Author                                                                                                                                | Date | Title                                                                                                   |                     |                                            |
| Satterly, J.                                                                                                                          | 1971 | Some Radioactive Mineral Occurrences, Southern Ontario                                                  | ODM OFR 5057        | 85 p.                                      |
| Satterly, J.                                                                                                                          | 1977 | A Catalogue of the Ontario Localities Represented by the Mineral Collection of the Royal Ontario Museum | OGS MP 70           | 464 p.                                     |
| Shklanka, R.                                                                                                                          | 1968 | Iron Deposits of Ontario                                                                                | ODM MRC 11          | 489 p.                                     |
| Sinclair, D.C., Cave, A.E.<br>Tower, W.O., Taylor, J.B.,<br>Douglass, D.P., Bayne, A.S.<br>Cooper, D.F., Weir, E.B.,<br>Webster, A.R. | 1940 | Mines of Ontario in 1938                                                                                | ODM AR Vol 48 Pt 1  | p. 72-239                                  |
| Sutherland, T.F., Collins,<br>E.A., Stovel, J.H., &<br>Bartlett, J.                                                                   | 1917 | Mines of Ontario                                                                                        | ODM AR Vol 26 Pt 1  | p. 74-156                                  |
| Sutherland, T.F., Collins,<br>E.A., & Stovel, J.                                                                                      | 1918 | Mines of Ontario                                                                                        | ODM AR Vol 27 Pt 1  | p. 86-154                                  |
| Sutherland, T.F., McMillan,<br>J.G., Bartlett, J., &<br>Webster, A.R.                                                                 | 1920 | Mines of Ontario                                                                                        | ODM AR Vol 29 Pt 1  | p. 66-141                                  |
| "                                                                                                                                     | 1922 | Mines of Ontario                                                                                        | ODM AR Vol 30 Pt 1  | p. 63-158                                  |
| "                                                                                                                                     | 1923 | Mines of Ontario                                                                                        | ODM AR Vol 31 Pt 10 | p. 11-86                                   |
| Thompson, J.E., Ferguson,<br>S.A., Johnston, W.G.Q.,<br>Pye, E.C., Savage, W.S., Thompson, R                                          | 1957 | Copper, Nickel, Lead & Zinc Deposits in Ontario,<br>Revised to February 1957                            | ODM MRC #2          | 126 p.                                     |

1,000 FORM NO. 3

| Author                       | Date | SELECTED REFERENCES                                                                                                                                                                                                                          |  | Reference          | Map Scales and/or Report Pages |
|------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------------|
|                              |      | Title                                                                                                                                                                                                                                        |  |                    |                                |
| Traill, R.J.                 | 1970 | A Catalogue of Canadian Minerals, Department of Mines and Resources                                                                                                                                                                          |  | CSC Paper 69-45    | 649 p.                         |
| Trusler, J.R., Villard, D.J. | 1978 | 1977 Report of the Algonquin Regional Geologist p.100-108 in Annual Report of the Regional & Resident Geologists, 1977, edited by C.R.Kustra                                                                                                 |  | OCS MP 78          | 121 p.                         |
| Vokes, F.M.                  | 1963 | Molybdenum Deposits of Canada                                                                                                                                                                                                                |  | CSC Ec.Geol.Ser.20 | 332 p.                         |
| Walker, T.L.                 | 1911 | Report on the Molybdenum Ores of Canada; Canada Department of Mines, Mines Branch                                                                                                                                                            |  | DEMR/CANMET #93    | 64 p.                          |
| Young, A.C.                  | 1939 | Statistical Review of the Mineral Industry of Ont.                                                                                                                                                                                           |  | ODM AR Vol 47 Pt 1 | p.1-59                         |
| Rogers, W.R.                 | 1916 | Statistical Review of the Mineral Industry of Ontario for 1915                                                                                                                                                                               |  | ODM AR Vol 25 Pt 1 | p.1-51                         |
|                              |      | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING                                                                                                                                                                                                  |  |                    |                                |
| Barnett, P.J.                | 1978 | Quaternary Geology of the Golden Lake (31F/11) and Brudenell (31F/6) Areas, Renfrew County, p.150-151, in Summary of Field Work, 1978, by the Ontario Geological Survey, edited by V.G. Milne, O.L. White, R.B. Barlow, and J.A. Robertson   |  | OCS MP 82          | 235 p.                         |
| Barnett, P.J.                | 1979 | Quaternary Geology of the Bancroft (31F/4) Area, Hastings, Renfrew, Lennox & Addington Counties, p.136-137, in Summary of Field Work, 1979, by the Ontario Geological Survey, edited by V.G. Milne, O.L. White, R.B. Barlow, and C.R. Kustra |  | OCS MP 90          | 245 p.                         |

LSHIF FORM NO. 9

## SELECTED REFERENCES

| SELECTED REFERENCES                                                      |      |                                                                                                |  | Reference                          | Map<br>Scales<br>and/or<br>Report<br>Pages |
|--------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|--|------------------------------------|--------------------------------------------|
| Author                                                                   | Date | Title                                                                                          |  |                                    |                                            |
| Barnett, P.J., Ainsworth,<br>Brent                                       | 1982 | Quaternary Geology of the Brudenell Area, Southern<br>Ontario; Geological Series. Geology 1978 |  | OCS Map P2558                      | 1:50,000                                   |
| Bostock, H.S.                                                            | 1969 | Physiographic Regions of Canada                                                                |  | GSC Map 1254A                      | 1:5,000,000                                |
| Chapman, L.J.                                                            | 1975 | The physiography of the Georgian Bay-Ottawa Valley<br>Area of Southern Ontario                 |  | ODM GR 128<br>ODM Map 2228         | 33 p.<br>1" = 4 miles                      |
| Mollard, D.G.                                                            | 1980 | Southern Ontario Engineering Geology Terrain Study<br>Maps: Bancroft and Haliburton. (4 maps)  |  | OCS OFR 5317<br>Bancroft Area Maps | 1:100,000                                  |
| TOPOGRAPHIC MAPS                                                         |      |                                                                                                |  |                                    |                                            |
| Department of Energy,<br>Mines and Resources;<br>Survey & Mapping Branch | 1975 | Bancroft, Ontario (31F/4)                                                                      |  |                                    | 1:50,000                                   |
| "                                                                        | 1975 | Barry's Bay, Ontario (31F/5)                                                                   |  |                                    | 1:50,000                                   |
| "                                                                        | 1974 | Brudenell, Renfrew County, Ontario (31F/6)                                                     |  |                                    | 1:50,000                                   |
| "                                                                        | 1973 | Denbigh, Ontario (31F/3)                                                                       |  |                                    | 1:50,000                                   |
| "                                                                        | 1964 | Bancroft, Ontario (31F/SW)                                                                     |  |                                    | 1:125,000                                  |
| "                                                                        | 1977 | Pembroke, Ontario-Quebec (31F)                                                                 |  |                                    | 1:250,000                                  |

GEOL. SURV. CAN. 100-10

| Author                         | Date | SELECTED REFERENCES                                                                                                                                                                       |  | Reference                  | Map<br>Scales<br>and/or<br>Report<br>Pages |
|--------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--------------------------------------------|
|                                |      | Title                                                                                                                                                                                     |  |                            |                                            |
| Hornbrook, E.H.W.              | 1977 | GEOCHEMICAL                                                                                                                                                                               |  | OGS OFR 5228<br>GSC OF 406 | 1:250,000<br>1:250,000                     |
|                                |      | National Geochemical Reconnaissance Release NGR-2-76<br>Regional Lake Sediment, Geochemical Reconnaissance<br>Data, Eastern Ontario                                                       |  |                            |                                            |
| Geological Survey of<br>Canada | 1950 | GEOPHYSICAL MAPS                                                                                                                                                                          |  | GSC Map 15G                | 1:50,000                                   |
|                                | 1953 | Bancroft, Hastings, Renfrew, Lennox & Addington<br>Counties, Ontario; Aeromagnetic Map (revised 1957)                                                                                     |  | GSC Map 109G               | 1" = 1 mile                                |
|                                | 1952 | Barry's Bay, Hastings, and Renfrew Counties and<br>Nipissing District, Ontario; Aeromagnetic Map                                                                                          |  | GSC Map 100G               | 1" = 1 mile                                |
|                                | 1952 | Brudenell, Renfrew County, Ontario; Aeromagnetic Map                                                                                                                                      |  | GSC Map 96G                | 1" = 1 mile                                |
|                                | 1981 | Denbigh, Renfrew, Frontenac, Hastings, Lennox &<br>Addington Counties, Ontario; Aeromagnetic Map                                                                                          |  | GSC Map 7057G              | 1:250,000                                  |
|                                | 1971 | Pembroke, Ontario-Quebec, Geophysical Series,<br>Aeromagnetic Map                                                                                                                         |  | GSC OF #45                 | 1:50,000<br>1:250,000                      |
|                                | 1976 | Seven Radiometric Maps and Profiles for 61 flight<br>lines of an experimental high-sensitivity gamma-ray<br>spectrometer survey of the Bancroft Area, Ontario<br>(31C/13, D/16, E/1, F/4) |  | GSC OF #331<br>(35631 G)   | 1:250,000                                  |
|                                |      | Uranium Reconnaissance Program, Airborne Gamma-Ray<br>Spectrometry Data, Pembroke (31F), Ontario-Quebec                                                                                   |  |                            |                                            |

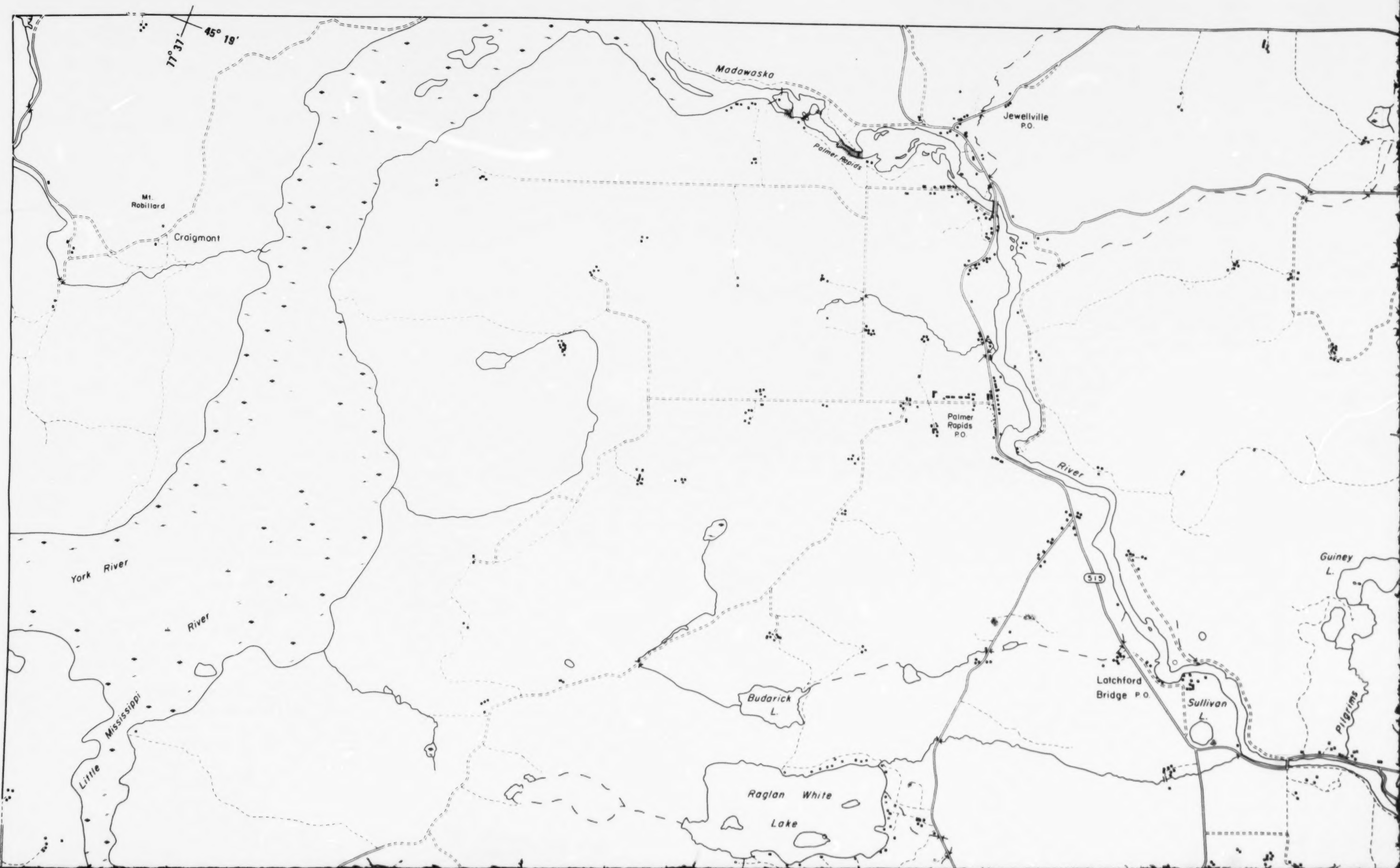
| SELECTED REFERENCES                                             |      |                                                                                                                                                                                                                                                                   |                         | Map<br>Scales<br>and/or<br>Report<br>Pages |
|-----------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------|
| Author                                                          | Date | Title                                                                                                                                                                                                                                                             | Reference               |                                            |
| Geological Survey of<br>Canada                                  | 1981 | Eastern Ontario - Western Quebec Region, Magnetic<br>Anomaly Map Series (Residual Total Field)                                                                                                                                                                    | GSC Map 1562A           | 1:1,291,806                                |
| Ontario Department of<br>Mines - Geological Survey<br>of Canada | 1972 | Great Lakes - Ottawa River Sheet, Algoma, Sudbury,<br>Timiskaming, Nipissing, and Manitoulin Districts<br>and Southern Ontario; Aeromagnetic Compilation Map                                                                                                      | ODM/GSC Map P800        | 1" = 16 miles                              |
|                                                                 |      | MINERAL POTENTIAL MAPS                                                                                                                                                                                                                                            |                         |                                            |
| Robertson, J.A.                                                 | 1979 | Uranium Mineral Potential Charts for Parts of<br>Southern Ontario: Charts A to I inclusive.<br>Compilation 1977 & 1978                                                                                                                                            | OCS OFR 5260<br>Chart C | 1" = 2 miles                               |
| Springer, Janet                                                 | 1978 | Ontario Mineral Potential, Pembroke and Part of the<br>Ottawa sheets, District of Nipissing and Counties<br>of Renfrew, Hastings, Lennox & Addington,<br>Frontenac, Lanark, Ottawa-Carleton, Grenville, and<br>Dundas; Mineral Deposits Series. Compilation 1976. | OCS Map P1507           | 1:250,000                                  |
| Springer, J.S., Robertson,<br>J.A. and Vos, M.A.                | 1982 | Mineral Potential Map of Ontario 1979: Southern<br>Sheet, accompanied by 1 overlay. Compilation 1979.                                                                                                                                                             | OCS OFR 5328            | 1" = 16 miles                              |
|                                                                 |      | JOURNAL ARTICLES, THESIS                                                                                                                                                                                                                                          |                         |                                            |
| ?                                                               | 1947 | Canadian Mining Journal August 1947, p.563-568                                                                                                                                                                                                                    |                         |                                            |
| Haultain, H.E.T.                                                | 1907 | Corundum at Craigmont; Canadian Mining Journal,<br>Vol 1 Number 10 (new series) p.291-296                                                                                                                                                                         |                         |                                            |

Table 1/44M NO.9

| Author          | Date | SELECTED REFERENCES                                                                                                             |  | Reference | Map<br>Scales<br>and/or<br>Report<br>Pages |
|-----------------|------|---------------------------------------------------------------------------------------------------------------------------------|--|-----------|--------------------------------------------|
|                 |      | Title                                                                                                                           |  |           |                                            |
| Lee-Whiting, B. | 1975 | The Craigmont Corundum Boom 1900-1913; Canadian Geographical Journal, Vol 90 No. 4, p.22-29                                     |  |           |                                            |
| Moyd, L.        |      | Private Report on Nepheline and Corundum Occurrences in Eastern Ontario for the Frobisher Exploration Company Ltd.              |  |           |                                            |
| Roach, A.G.     | 1946 | Re-treatment of Corundum-Bearing Tailings at Craigmont; Canadian Institute of Mining & Metallurgy Transactions Vol 49 p.636-664 |  |           |                                            |
| Carlson, H.D.   | 1953 | The Origin of the Corundum Deposits of Renfrew County; PhD Thesis, Queen's University                                           |  |           |                                            |

Geol. of Canada No. 9

## NOTES AND ADDENDA



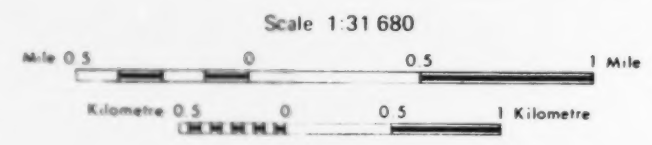


Ministry of Natural Resources  
Hon. Alan W. Pope  
Minister  
John R. Sloan  
Deputy Minister

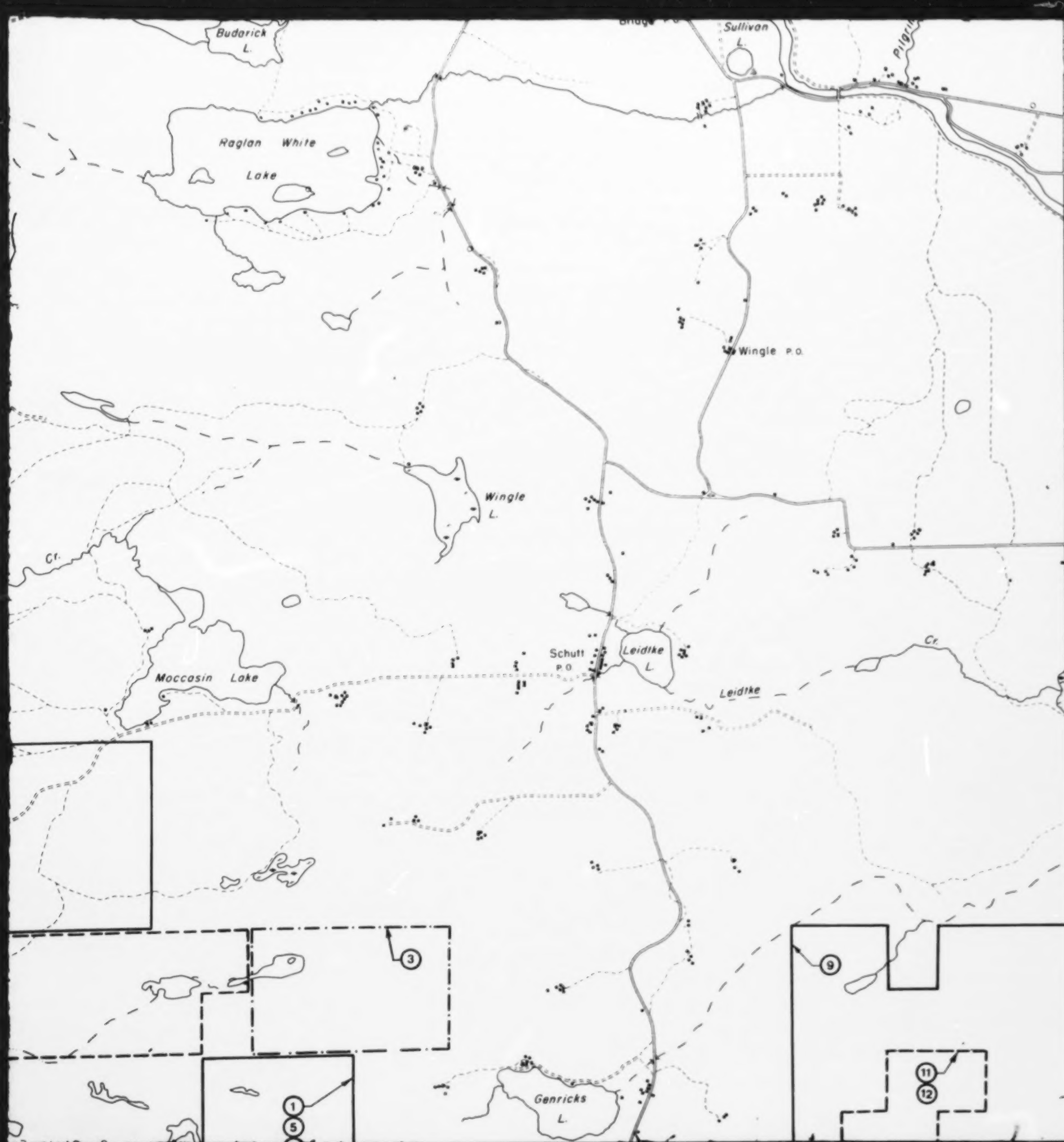
ONTARIO GEOLOGICAL SURVEY  
PROPERTY LOCATION MAP  
GEOLOGICAL DATA INVENTORY FOLIO 178  
( Map 1 of 2 )

# RAGLAN TOWNSHIP

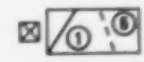
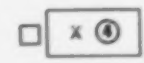
COUNTY OF RENFREW

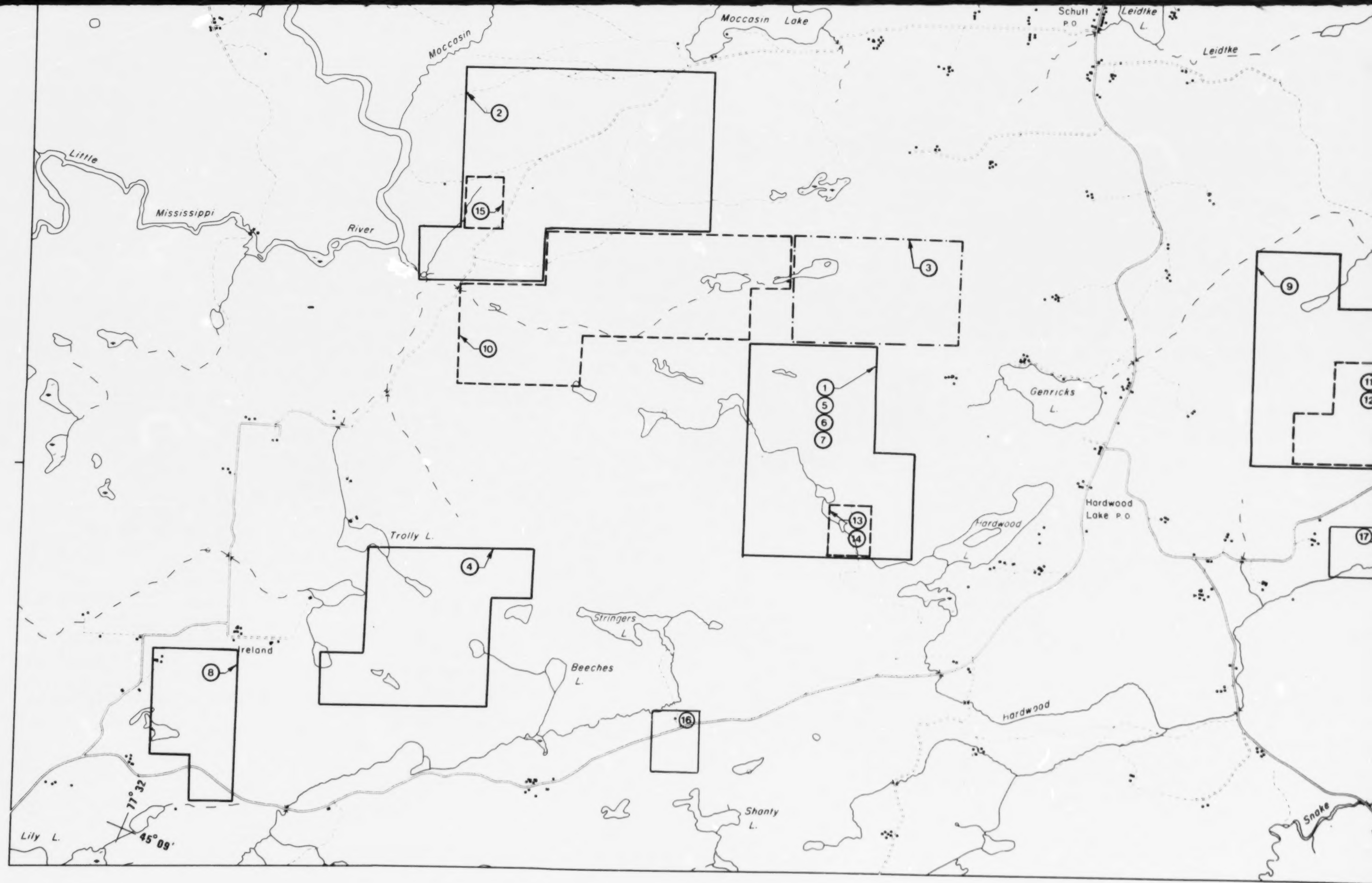


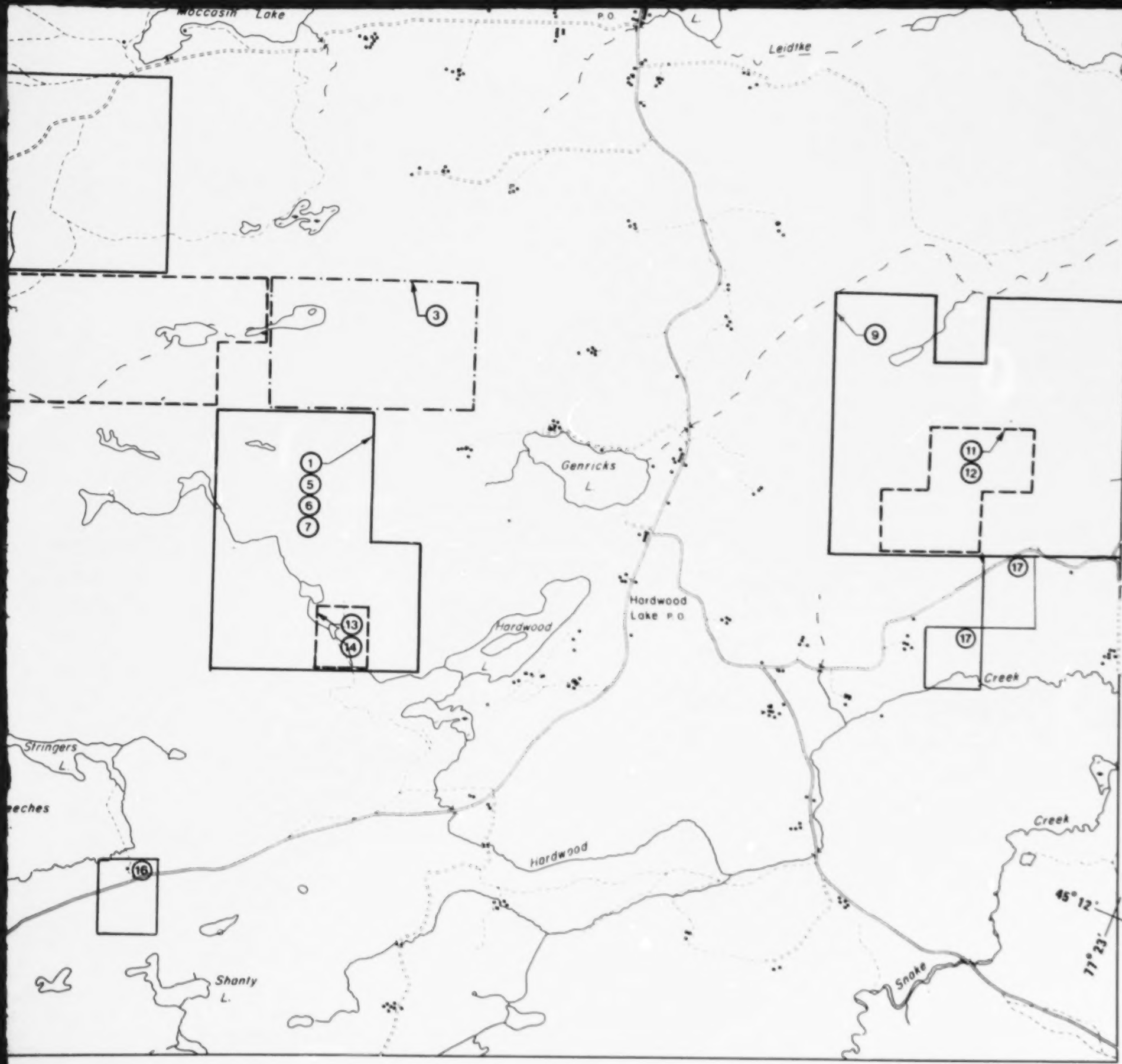


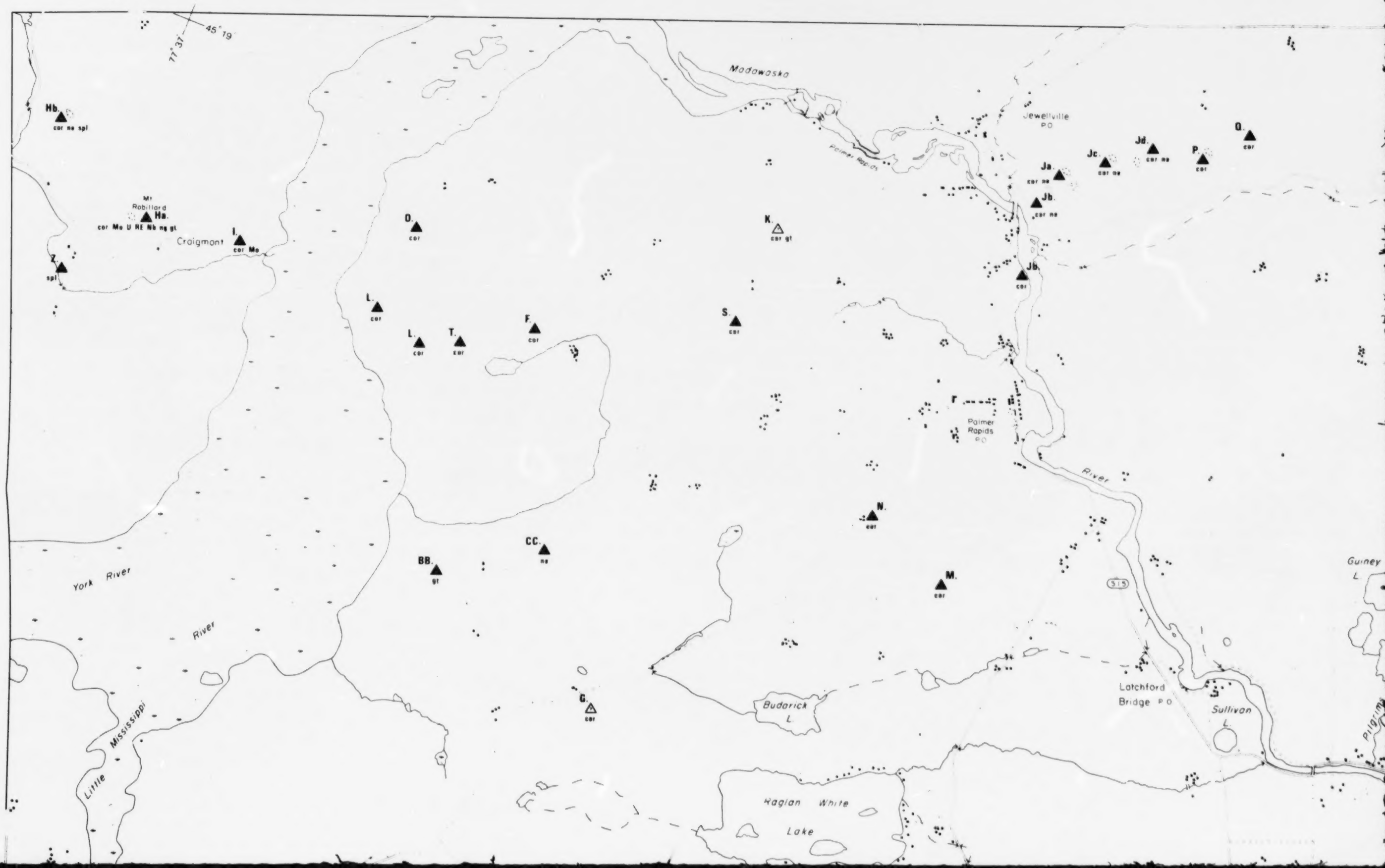


### EXPLORATION DATA FILE AREAS

-  Reference number is always inside work area outlined.  
See listing in text pages.
-  Small area of exploration.
- 







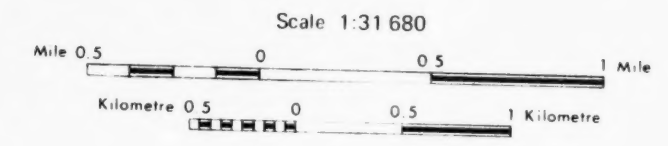


Ministry of Natural Resources  
 Hon. Alan W. Pope  
 Minister  
 John R. Sloan  
 Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
 EXPLORATION DATA MAP  
 GEOLOGICAL DATA INVENTORY FOLIO 178  
 ( Map 2 of 2 )

# RAGLAN TOWNSHIP

COUNTY OF RENFREW



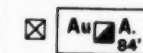
## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

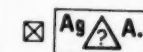
### MINERAL OCCURRENCES

- ☒ Mineral occurrence at surface, with reference letter
- ☒ Mineral occurrence with shaft, depth given with reference letter
- ☒ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized Float with reference letter
- ☐

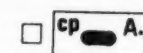




Mineral occurrence with shaft, depth given with reference letter



Mineral occurrence reported but exact location uncertain, with reference letter



Mineralized Float with reference letter



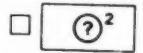
## DRILL HOLES



Location of single drill hole, with reference number



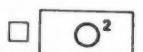
Location of closely spaced group of drill holes, with reference number



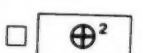
Drill hole, exact location uncertain, with reference number.



Property with underground drill holes in this general area, with reference number



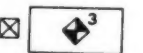
Property with drill holes which have not been plotted on map, with reference number



Reverse Circulation Drill Hole; Churn drilling, with reference number



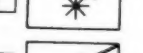
## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA



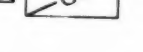
Geochemical sample site, with reference number



Area of geochemical sampling, with reference number



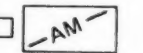
Age dating material sampling site, with reference number



Geochemical Anomaly



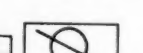
## GEOPHYSICAL ANOMALIES



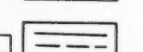
Airborne Magnetometer Anomaly



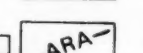
Airborne Electromagnetometer Anomaly  
Length of anomaly along flight line



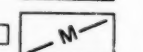
Airborne Electromagnetometer Anomaly.  
Location of anomaly along flight line



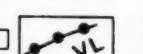
Airborne Electromagnetometer Anomaly  
Conductor Axis: definite, probable, possible



Airborne Radiometric Anomaly



Ground Magnetometer Anomaly



Ground Electromagnetometer Anomaly  
(VL - Vertical Loop; HL - Horizontal Loop;  
VLF - Very low freq; Turam; JEM -  
Crone EM - 16)





- ☐ \*<sup>2</sup> Age dating material sampling site, with reference number
- ☒ GC Geochemical Anomaly

**GEOPHYSICAL ANOMALIES**

- ☐ AM Airborne Magnetometer Anomaly
- ☐ [diagonal line] Airborne Electromagnetometer Anomaly  
Length of anomaly along flight line
- ☐ [circle with slash] Airborne Electromagnetometer Anomaly.  
Location of anomaly along flight line
- ☐ [horizontal lines] Airborne Electromagnetometer Anomaly  
Conductor Axis: definite, probable, possible
- ☐ ARA Airborne Radiometric Anomaly
- ☐ M Ground Magnetometer Anomaly
- ☐ [diagonal line with dots] Ground Electromagnetometer Anomaly  
(VL - Vertical Loop; HL - Horizontal Loop;  
VLF - Very low freq; Turam; JEM -  
Crone EM - 16)
- ☐ RA Ground Radiometric Anomaly
- ☐ IP Induced Polarization Anomaly
- ☒ SP Self Potential Anomaly
- ☐ AFMAG Audio-frequency magnetometer anomaly  
(total intensity)
- ☐ R Resistivity Anomaly
- ☐ GR Gravity Anomaly
- ☐ [empty box]

**MISCELLANEOUS DATA**

- |                                                                    |                                                                   |
|--------------------------------------------------------------------|-------------------------------------------------------------------|
| <input checked="" type="checkbox"/> [diagonal line] Trenching, pit | <input type="checkbox"/> [pickaxe] Rock quarry                    |
| <input type="checkbox"/> [double line] Adit                        | <input type="checkbox"/> [crossed circles] Sand and/or gravel pit |
| <input checked="" type="checkbox"/> [curved line] Open cuts        | <input type="checkbox"/> [empty box]                              |
| <input type="checkbox"/> [empty box]                               |                                                                   |

**NOTE:** Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.